



ROBO3 Monoclonal Antibody

motor and sensory projections appear uncrossed, function: Thought to be invo during neural development in axonal navigation at the ventral midline of the ne		
Reactivity Human;Mouse Applications WB Gene Name ROBO3 Protein Name Roundabout homolog 3 (Roundabout-like protein 3) Immunogen Synthesized peptide derived from part region of human protein Specificity ROBO3 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Coll Observed Band 152kD Call Pathway Membrane ; Single-pass type I membrane protein . Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulia where motor and sensory projections appear aurcosed function :Tho uping to be invot during neural development in axonal navigation at the ventral midline of the neuro during neural development in axonal navigation at the ventral midline of the meduling where motor and sensory projections appear aurcosed function :Thought to be invot during neural development in axonal navigat	Catalog No	BYmab-07044
ApplicationsWBGene NameROBO3Protein NameRoundabout homolog 3 (Roundabout-like protein 3)ImmunogenSynthesized peptide derived from part region of human proteinSpecificityROBO3 Monoclonal Antibody detects endogenous levels of protein.FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceMonoclonal, Mouse, IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearObserved Band152kDCell PathwayMembrane ; Single-pass type I membrane protein .Fusctiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulia where ord ring neural development in axonal navigation at the ventral midline of the neuro 	Isotype	lgG
Gene NameROBO3Protein NameRoundabout homolog 3 (Roundabout-like protein 3)ImmunogenSynthesized peptide derived from part region of human proteinSpecificityROBO3 Monoclonal Antibody detects endogenous levels of protein.FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceMonoclonal, Mouse, IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsColl partsObserved Band152kDCell PathwayMembrane ; Single-pass type I membrane protein .FunctionBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scolicis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed, function: Thought to be invo during neural development in axonal navigation at the ventral milline of the neuronal motions.	Reactivity	Human;Mouse
Protein Name Roundabout homolog 3 (Roundabout-like protein 3) Immunogen Synthesized peptide derived from part region of human protein Specificity ROBO3 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 152kD Cell Pathway Membrane ; Single-pass type I membrane protein . Tissue Specificity Brain, Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed, function: Thought the ventral midline of the period	Applications	WB
Immunogen Synthesized peptide derived from part region of human protein Specificity ROBO3 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Cell Pathway Membrane ; Single-pass type I membrane protein . Tissue Specificity Brain, Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed, function: Thought to be invo during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midine of the neuron during neural development in axona	Gene Name	ROBO3
SpecificityROBO3 Monoclonal Antibody detects endogenous levels of protein.FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceMonoclonal, Mouse,IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsIssue SpecificityCell PathwayMembrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed., function: Thought to be invo during neural development in axonal navigation at the ventral midline of the neuroscol.	Protein Name	Roundabout homolog 3 (Roundabout-like protein 3)
Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Colserved Band Observed Band 152kD Cell Pathway Membrane ; Single-pass type I membrane protein . Tissue Specificity Brain, Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed "function:Thought to be involution and beensory projections appear uncrossed "function:Thought to be involution and sensory projections appear uncrossed "function:Thought to be involution and sensory projections appear uncrossed "function:Thought to be involution and sensory projections appear uncrossed "function:Thought to be involution and sensory projections appear uncrossed "function.	Immunogen	Synthesized peptide derived from part region of human protein
SourceMonoclonal, Mouse,IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsUsing epitope-specific immunogen.Observed Band152kDCell PathwayMembrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invo during neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ventral middline of the neural development in axonal navigation at the ven	Specificity	ROBO3 Monoclonal Antibody detects endogenous levels of protein.
Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms -20°C/1 year Observed Band 152kD Cell Pathway Membrane ; Single-pass type I membrane protein . Tissue Specificity Brain, Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invo during neural development in axonal navigation at the ventral midline of the neuroparticity	Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms -20°C/1 year Observed Band 152kD Cell Pathway Membrane ; Single-pass type I membrane protein . Tissue Specificity Brain, Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed, function: Thought to be invo during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neur	Source	Monoclonal, Mouse,IgG
Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonyms-20°C/1 yearObserved Band152kDCell PathwayMembrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Functiondisease: Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed., function: Thought to be invoduring neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline	Purification	
Purity ≥90% Storage Stability -20°C/1 year Synonyms -20°C/1 year Observed Band 152kD Cell Pathway Membrane ; Single-pass type I membrane protein . Tissue Specificity Brain, Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invoduring neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neu	Dilution	WB 1:500-2000
Storage Stability-20°C/1 yearSynonyms-20°C/1 yearObserved Band152kDCell PathwayMembrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossedfunction:Thought to be invoduring neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neural development in axonal navigation at the ventral midline of the neuron during neuron duri	Concentration	1 mg/ml
SynonymsObserved Band152kDCell PathwayMembrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossedfunction:Thought to be involduring neural development in axonal navigation at the ventral midline of the neurophysical section.	Purity	≥90%
Observed Band152kDCell PathwayMembrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invo during neural development in axonal navigation at the ventral midline of the neurophysical	Storage Stability	-20°C/1 year
Cell PathwayMembrane ; Single-pass type I membrane protein .Tissue SpecificityBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invo during neural development in axonal navigation at the ventral midline of the neuronal cause of th	Synonyms	
Tissue SpecificityBrain,Functiondisease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invo during neural development in axonal navigation at the ventral midline of the neuronal content of the neuronal conten	Observed Band	152kD
Function disease:Defects in ROBO3 are a cause of familial horizontal gaze palsy with progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invo during neural development in axonal navigation at the ventral midline of the ne	Cell Pathway	Membrane ; Single-pass type I membrane protein .
progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be invo during neural development in axonal navigation at the ventral midline of the ne	Tissue Specificity	Brain,
probably by preventing premature sensitivity to Slit proteins thus inhibiting Slit signaling through ROBO1 (By similarity). Required for hindbrain axon midline crossing.,similarity:Belongs to the immunoglobulin superfamily. ROBO family.,similarity:Contains 3 fibronectin type-III domains.,similarity:Contains 5	Function	progressive scoliosis (HGPPS) [MIM:607313]. Patients show a medulla where motor and sensory projections appear uncrossed.,function:Thought to be involved during neural development in axonal navigation at the ventral midline of the neural tube. In spinal chord development plays a role in guiding commissural axons probably by preventing premature sensitivity to Slit proteins thus inhibiting Slit signaling through ROBO1 (By similarity). Required for hindbrain axon midline crossing.,similarity:Belongs to the immunoglobulin superfamily. ROBO family.,similarity:Contains 3 fibronectin type-III domains.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Probably interacts with

Nanjing BYabscience technology Co.,Ltd



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



Background	This gene is a member of the Roundabout (ROBO) gene family that controls neurite outgrowth, growth cone guidance, and axon fasciculation. ROBO proteins are a subfamily of the immunoglobulin transmembrane receptor superfamily. SLIT proteins 1-3, a family of secreted chemorepellants, are ligands for ROBO proteins and SLIT/ROBO interactions regulate myogenesis, leukocyte migration, kidney morphogenesis, angiogenesis, and vasculogenesis in addition to neurogenesis. This gene, ROBO3, has a putative extracellular domain with five immunoglobulin (Ig)-like loops and three fibronectin (Fn) type III motifs, a transmembrane segment, and a cytoplasmic tail with three conserved signaling motifs: CC0, CC2, and CC3 (CC for conserved cytoplasmic). Unlike other ROBO family members, ROBO3 lacks motif CC1. The ROBO3 gene regulates axonal navigation at the ventral midline of the neural tube. In mouse, loss of R	
matters needing attention	Avoid repeated freezing and thawing!	
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.	
Products Images		

Nanjing BYabscience technology Co.,Ltd