

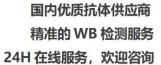


MYH14 Monoclonal Antibody

chain; non-muscle IIc; Non-muscle myosin heavy chain IIc; NMHC II-C Observed Band 228kD Stress fiber,cytosol,brush border,membrane,myosin complex,myosin II complex,axon,growth cone,actomyosin,myelin sheath,extracellular exosome,myosin II filament, High levels of expression are found in brain (highest in corpus callosum), heart, kidney, liver, lung, small intestine, colon and skeletal muscle. Expression is low organs composed mainly of smooth muscle, such as aorta, uterus and urinary bladder. No detectable expression is found in thymus, spleen, placenta and lymphocytes. Function disease:Defects in MYH14 are the cause of non-syndromic sensorineural deafness autosomal dominant type 4 (DFNA4) [MIM:600652]. DFNA4 is a form sensorineural hearing loss. Sensorineural deafness results from damage to the		
Reactivity Human;Mouse Applications WB Gene Name MYH14 Protein Name Myosin-14 Immunogen The antiserum was produced against synthesized peptide derived from human MYH14. AA range:1051-1100 Specificity MYH14 Monoclonal Antibody detects endogenous levels of MYH14 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA 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 MYH14; KIAA2034; FP17425; Myosin-14; Myosin heavy chain 14; Myosin heav chain; non-muscle IIc; Non-muscle myosin heavy chain IIc; NMHC II-C Observed Band 228kD Cell Pathway stress fiber, cytosol, brush border, membrane, myosin complex, myosin II complex, axon, growth cone, actomyosin, myelin sheath, extracellular exosome, myosin II filament, Tissue Specificity High levels of expression are found in brain (highest in corpus callosum), heart, kidney, liver, lung, small intestine, colon and skeletal muscle. Expression is low organs composed mainly of smooth muscle, such as aorta, uterus and urinary bladder. No detectable expression is found in thymus, spleen, placenta and lymphocytes. Function disease. Defects in MYH14 are the cause of non-syndromic sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information, domain: The rotike tail sequence is	Catalog No	BYmab-03155
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Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA 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 MYH14; KIAA2034; FP17425; Myosin-14; Myosin heavy chain 14; Myosin heavy chain; non-muscle IIc; Non-muscle myosin heavy chain IIc; NMHC II-C Observed Band 228kD Cell Pathway stress fiber, cytosol, brush border, membrane, myosin complex, myosin II complex, axon, growth cone, actomyosin, myelin sheath, extracellular exosome, myosin II filament, High levels of expression are found in brain (highest in corpus callosum), heart, kidney, liver, lung, small intestine, colon and skeletal muscle. Expression is low organs composed mainly of smooth muscle, such as aorta, uterus and urinary bladder. No detectable expression is found in thymus, spleen, placenta and lymphocytes. Function disease: Defects in MYH14 are the cause of non-syndromic sensorineural deafness autosomal dominant type 4 (DFNA4) [MIM:600652]. DFNA4 is a form sensorineural hearing loss. Sensorineural deafness results from damage to the neural receives sound information, domain: The rodlike tail sequence is	Immunogen	
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Nanjing BYabscience technology Co.,Ltd

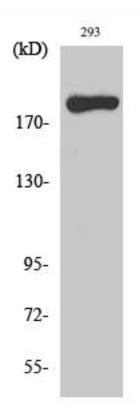






	heptapeptides, characteristic for alpha-helical coiled coils.,function:Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.,sequence caution:Translation N-terminally extended.,similarity:Contains 1 IQ domain.,similarity:Contains 1 myosin head-like domain.,subunit:Myosin is a hexameric protein that consists of 2 heavy chain subunits (MHC), 2 alkali light cha
Background	This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-14 (MYO14). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene result in one form of autosomal dominant hearing impairment. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011],
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



Western Blot analysis of various cells using MYH14 Monoclonal Antibody

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