



GSK3α/β Monoclonal Antibody

GSK3 alpha/beta. AA range:246-295 Specificity GSK3 α / β Monoclonal Antibody detects endogenous levels of GSK3 α / β protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Source Monoclonal, Mouse, lgG 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 GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase-beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway mitochondrion, cytosol, beta-catenin destruction complex, postsynapse, Tissue Specificity Brain, Eye, Foreskin, Lung, Pancreas, Platelet, Testis, Function catalytic activity: ATP + [tau protein] = ADP + [tau protein] phosphate, function: Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor	Isotype IgG		
Reactivity Human; Mouse; Rat; Drosophila; Drosophila Applications WB Gene Name GSK3A/GSK3B Protein Name Glycogen synthase kinase-3 alpha/beta Immunogen The antiserum was produced against synthesized peptide derived from hum GSK3 alpha/beta. AA range:246-295 Specificity Monoclonal Antibody detects endogenous levels of GSK3 alpha gource. Specificity 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 GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3B; Glycogen synthase kinase-beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46k	Reactivity Human; Mouse; Rat; Drosophila; Drosophila Applications WB Gene Name GSK3A/GSK3B Protein Name Glycogen synthase kinase-3 alpha/beta Immunogen The antiserum was produced against synthesized peptide derived from hum GSK3 alpha/beta. AA range:246-295 Specificity GSK3 α / β Monoclonal Antibody detects endogenous levels of GSK3 α / β 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 GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3B; Glycogen synthase kinase beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity.VaTP + Itau protein] = ADP + Itau protein] phosphate, function:Imp	Catalog No	BYmab-14770
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Storage Stability -20°C/1 year GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs	Synonyms GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. GSK-3 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer., Background Glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end	Concentration	1 mg/ml
Synonyms GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily,.similarity:Belongs	Synonyms GSK3A; Glycogen synthase kinase-3 alpha; GSK-3 alpha; Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to protein kinase superfamily. CMGC Ser/Thr protein kinase family. GSK-3 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer., glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end	Purity	≥90%
Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs	Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B Observed Band 51 46kD Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. GSK-3 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer., Background Glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end	Storage Stability	-20°C/1 year
Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUNsimilarity:Belongs to the protein kinase superfamilysimilarity:Belongs	Cell Pathway mitochondrion,cytosol,beta-catenin destruction complex,postsynapse, Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. GSK-3 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer., Background glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end	Synonyms	Serine/threonine-protein kinase GSK3A; GSK3B; Glycogen synthase kinase-3
Tissue Specificity Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis, catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs	Tissue Specificity Brain, Eye, Foreskin, Lung, Pancreas, Platelet, Testis, catalytic activity: ATP + [tau protein] = ADP + [tau protein] phosphate., function: Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN., similarity: Belongs to the protein kinase superfamily., similarity: Belongs to protein kinase superfamily. CMGC Ser/Thr protein kinase family. GSK-3 subfamily., similarity: Contains 1 protein kinase domain., subunit: Monomer., Background glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end	Observed Band	51 46kD
Function catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs	catalytic activity:ATP + [tau protein] = ADP + [tau protein] phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to protein kinase superfamily. CMGC Ser/Thr protein kinase family. GSK-3 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer., Background glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end	Cell Pathway	mitochondrion,cytosol,beta-catenin destruction complex,postsynapse,
phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs	phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to protein kinase superfamily. CMGC Ser/Thr protein kinase family. GSK-3 subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer., Background glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end	Tissue Specificity	Brain,Eye,Foreskin,Lung,Pancreas,Platelet,Testis,
	Background glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene end a multifunctional Ser/Thr protein kinase that is implicated in the control of several services and the control of several services are supplied to the control of several services.	Function	phosphate.,function:Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUNsimilarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the
Background glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene en a multifunctional Ser/Thr protein kinase that is implicated in the control of se		Background	glycogen synthase kinase 3 alpha(GSK3A) Homo sapiens This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several

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regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease. [provided by RefSeq, Oct 2011],

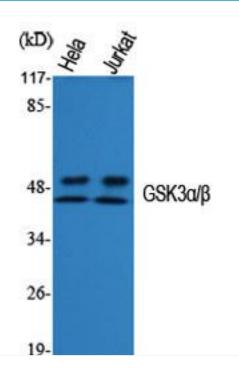
matters needing attention

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 GSK3 α / β Monoclonal Antibody

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