

Rabbit GSK3 beta Monoclonal Antibody | anti-GSK3beta antibody

Recombinant GSK3 beta Monoclonal Antibody

CATALOG # AAA178781	HOST Rabbit	REACTIVITY Human, Rat, Hamster	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

GSK3 beta; Monoclonal Antibody; Recombinant GSK3 beta Monoclonal Antibody; Glycogen Synthase Kinase 3 Beta; Glycogen synthase kinase-3 beta; GSK 3 beta; GSK-3 beta; GSK3B; GSK3beta isoform; Serine/threonine-protein kinase GSK3B; anti-GSK3beta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	R09-7G8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-GSK3beta antibody	WB (Western Blot)
Immunogen	A synthetic peptide of human GSK3 beta
Research Area	Cancer, Cardiovascular, Metabolism, Neuroscience, Signal Transduction, Stem Cells
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of GSK3 beta in paraffin-embedded Human Cholangiocarcinoma using GSK3 beta Rabbit mAb at dilution 1:20



WB (Western Blot)

Western blot detection of GSK3 beta in Jurkat,C6,CHO-K1,Hela cell lysates using GSK3 beta Rabbit mAb(1:1000 diluted).Predicted band size:47kDa.Observed band size:47kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3beta antibody	The protein encoded by this gene is serine-threonine kinase belonging to the glycogen synthase kinase subfamily. It is negative regulator of glucose homeostasis and is involved in energy metabolism, inflammation, ER-stress, mitochondrial dysfunction, and apoptotic pathways. Defects in this gene have been associated with Parkinson disease and Alzheimer disease.
Product Categories/Family for anti-GSK3beta antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	225903437
NCBI GeneID	2932
NCBI Accession #	NP_001139628.1
NCBI GenBank Nucleotide #	NM_001146156.1
UniProt Accession #	P49841; Q9BWH3; Q9UL47; D3DN89
Molecular Weight	46,744 Da
NCBI Official Full Name	glycogen synthase kinase-3 beta isoform 2
NCBI Official Synonym Full Names	glycogen synthase kinase 3 beta
NCBI Official Symbol	GSK3B
NCBI Protein Information	glycogen synthase kinase-3 beta; GSK-3 beta; GSK3beta isoform; serine/threonine-protein kinase GSK3B
UniProt Protein Name	Glycogen synthase kinase-3 beta
UniProt Gene Name	GSK3B
UniProt Synonym Gene Names	GSK-3 beta
UniProt Entry Name	GSK3B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gsk3-beta-antibody-clone-r09-7g8-western-blot-elisa/178781>