

Mouse anti-Human, Mouse GSK3 beta Monoclonal Antibody | anti-GSK3 beta antibody

GSK3 beta mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62481	Mouse	Human, Mouse	Immunoprecipitation, Immunofluorescence, Western Blot

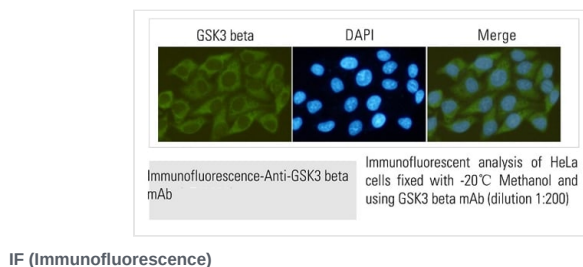
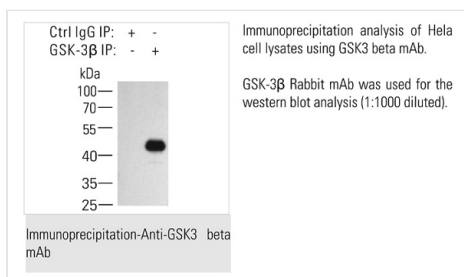
PRODUCT SYNONYMS

GSK3 beta; Monoclonal Antibody; GSK3 beta mAb; Glycogen Synthase Kinase 3 Beta; Glycogen synthase kinase-3 beta; GSK 3 beta; GSK-3 beta; GSK3B; GSK3beta isoform; anti-GSK3 beta antibody

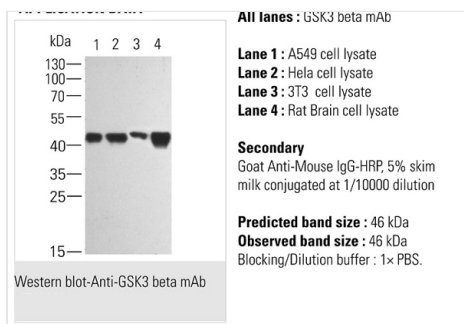
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2a
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	420
Applicable Applications for anti-GSK3 beta antibody	IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing animals with a polypeptide corresponding to GSK3 beta protein.
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze / thaw cycle.

IMAGES



IP (Immunoprecipitation)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3 beta antibody	Glycogen synthase kinase 3 beta, also known as GSK3B, is an enzyme that in humans is encoded by the GSK3B gene. In mice, the enzyme is encoded by the GSK-3beta gene. Abnormal regulation and expression of GSK3beta is associated with an increased susceptibility towards bipolar disorder. Glycogen synthase kinase-3 (GSK-3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and an inactivating agent of glycogen synthase. Two isoforms, alpha (GSK3A) and beta, show a high degree of amino acid homology. GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation.
Product Categories/Family for anti-GSK3 beta antibody	Signaling ; Apoptosis ; Signaling pathways

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	46KDa
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
UniProt Protein Name	Glycogen synthase kinase-3 beta
UniProt Gene Name	GSK3B
UniProt Synonym Gene Names	GSK-3 beta

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/gsk3-beta-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/62481>