

Mouse GSK3beta Monoclonal Antibody | anti-GSK3beta antibody

GSK3beta (PTR2553) Mouse Monoclonal Antibody

CATALOG # AAA30829	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunohistochemistry
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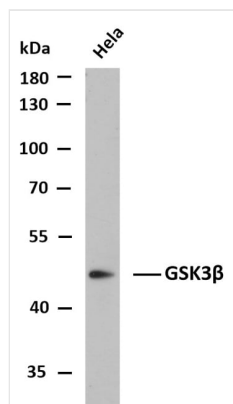
PRODUCT SYNONYMS

GSK3beta; Monoclonal Antibody; GSK3beta (PTR2553) Mouse Monoclonal Antibody; GSK3B; anti-GSK3beta antibody

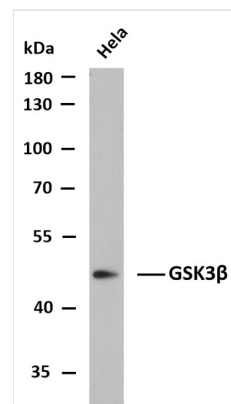
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	PTR2553
Specificity	This antibody detects endogenous levels of GSK3beta protein.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GSK3beta antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-2000 IF: 1:100-500 ELISA: 1:1000-5000
Immunogen	Synthetic Peptide of GSK3? at AA range of 1-80
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

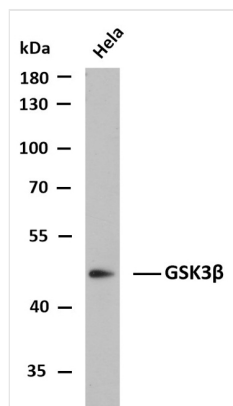
IMAGES



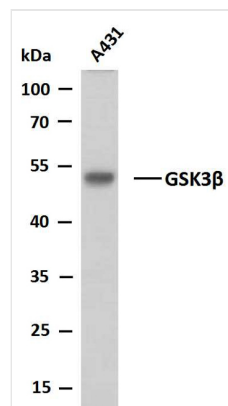
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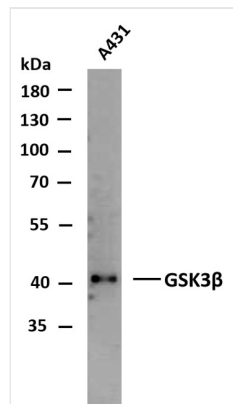
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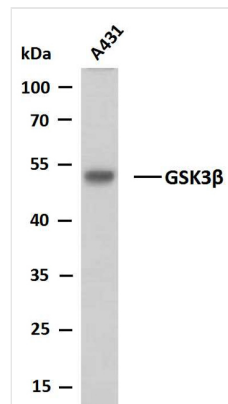
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ADDITIONAL INFORMATION

Related Product Information for anti-GSK3beta antibody	The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]
Product Categories/Family for anti-GSK3beta antibody	Primary Antibodies

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/gsk3beta-antibody-clone-ptr2553-western-blot-immunohistochemistry-immunohistochemistry-elisa/30829>