

Rabbit GSK3B Polyclonal Antibody | anti-GSK3B antibody

GSK3B antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23559	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

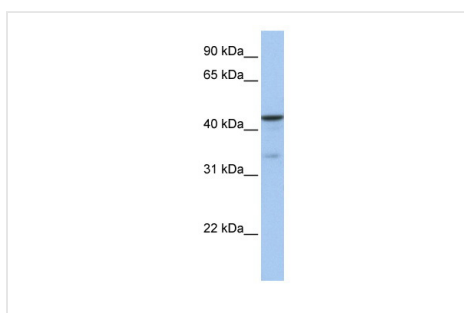
PRODUCT SYNONYMS

GSK3B; Polyclonal Antibody; GSK3B antibody - C-terminal region; anti-GSK3B antibody

PRODUCT SPECIFICATIONS

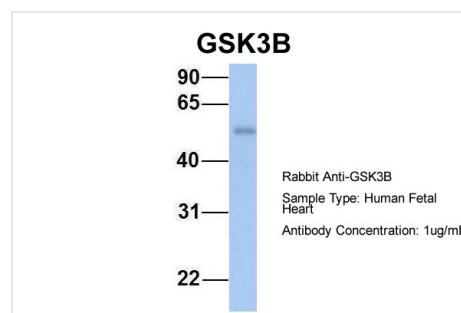
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AI ALCSRLLLEYT PTARLTPLEA CAHSFFDEL R DPNVKLPNGR DTPALFNF
Sequence Length	433
Applicable Applications for anti-GSK3B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GSK3B
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



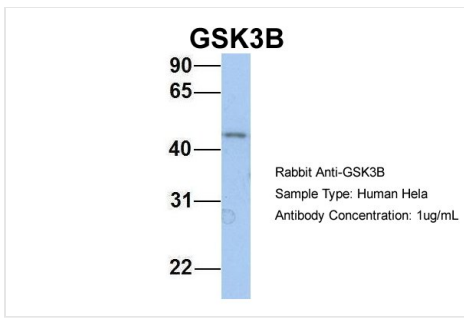
WB (Western Blot)

WB Suggested Anti-GSK3B Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: 721_B cell lysate
 GSK3B is supported by BioGPS gene expression data to be expressed in 721_B



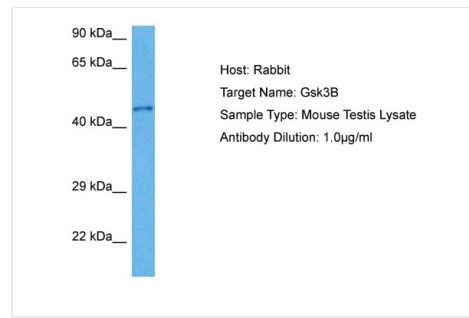
WB (Western Blot)

Host: Rabbit
 Target Name: GSK3B
 Sample Type: Human Fetal Heart
 Antibody Dilution: 1.0ug/ml



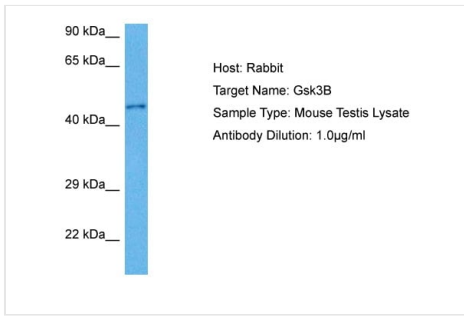
WB (Western Blot)

Host: RabbitTarget Name: GSK3BSample Type: HeLaAntibody Dilution: 1.0ug/mlGSK3B is supported by BioGPS gene expression data to be expressed in HeLa



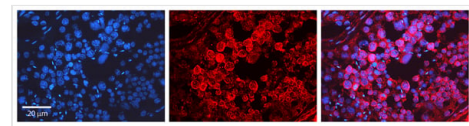
WB (Western Blot)

Host: RabbitTarget Name: GSK3BSample Tissue: Mouse TestisAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: MouseTarget Name: GSK3BSample Tissue: Mouse TestisAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-GSK3B AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Testis TissueObserved Staining: Cytoplasm, Nucleus, Plasma membranePrimary Antibody Concentration: 1:100Other Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3B antibody

This is a rabbit polyclonal antibody against GSK3B. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating 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.Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase. Two isoforms, alpha (GSK3A; MIM 606784) and beta, show a high degree of amino acid homology (Stambolic and Woodgett, 1994 [PubMed 7980435]). GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation (Plyte et al., 1992 [PubMed 1333807]).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-GSK3B antibody

[Polyclonal](#); [Transcription Factor](#); [Signal Proteins](#); [Drugs and Drug Metabolism](#); [Chromatin & Nuclear Signaling](#); [Neuroscience](#); [Disease Related](#); [DNA/RNA/Protein Interactions](#); [Immunohistochemistry](#); [Phosphorylation](#); [Cell Differentiation](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361340
NCBI GeneID	2932
NCBI Accession #	NP_002084
NCBI GenBank Nucleotide #	NM_002093
UniProt Accession #	P49841
Molecular Weight	48kDa
NCBI Official Full Name	glycogen synthase kinase-3 beta isoform 1
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
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/polyclonal/gsk3b-antibody-immunohistochemistry-western-blot-elisa/23559>