

Rabbit GSK3beta Polyclonal Antibody | anti-GSK3beta antibody

GSK3beta (Phospho-Ser9)

CATALOG # AAA47786	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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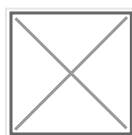
PRODUCT SYNONYMS

GSK3beta; Polyclonal Antibody; GSK3beta (Phospho-Ser9); anti-GSK3beta antibody

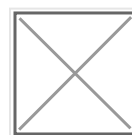
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody detects endogenous human, mouse, and rat GSK3 beta only when phosphorylated at serine 9.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide.
Sequence Length	420
Applicable Applications for anti-GSK3beta antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen	Peptide sequence that includes phosphorylation site of serine 9 (T-T-S(p)-F-A) derived from Human GSK3beta and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term.

IMAGES



Application Data



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3beta antibody	GSK3beta participates in the Wnt signaling pathway and is implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN. GSK3beta phosphorylates JUN at sites proximal to its DNA-binding domain, thereby reducing its affinity for DNA. It also phosphorylates CTNNB1/beta-catenin and MUC1 in breast cancer cells and decreases the interaction of MUC1 with CTNNB1/beta-catenin.
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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	48,034 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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gsk3beta-antibody-immunohistochemistry-western-blot-elisa/47786>