

Rabbit GSK3beta Polyclonal Antibody | anti-GSK3beta antibody

GSK3beta (Phospho-Ser9) Polyclonal Conjugated Antibody

CATALOG # AAA312720	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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PRODUCT SYNONYMS

GSK3beta; Polyclonal Antibody; GSK3beta (Phospho-Ser9) Polyclonal Conjugated Antibody; GSK3beta (Phospho-Ser9) Conjugated Antibody; Factor A; GSK-3 beta; Protein kinase GSK-3-beta; kinase GSK-3 beta; anti-GSK3beta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of GSK3-beta only when phosphorylated at serine 9.
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Immunogen	Peptide sequence around phosphorylation site of serine 9 (T-T-S (p)-F-A) derived from Human GSK3beta-.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565 nm AF594: 591nm /614 nm AF647: 651nm/667 nm AF680: 679 nm/702 nm AF750: 749nm/775 nm
Preparation and Storage	Store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3beta antibody	Participates in the Wnt signaling pathway. Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN. Phosphorylates JUN at sites proximal to its DNA-binding domain, thereby reducing its affinity for DNA. Phosphorylates MUC1 in breast cancer cells, and decreases the interaction of MUC1 with CTNNB1/beta-catenin. Phosphorylates CTNNB1/beta-catenin. Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugated. Antibodies were purified by affinity chromatography using-epitope phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
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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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gsk3beta-antibody-elisa/312720>