

Rabbit anti-Human, Mouse GSK3-beta Polyclonal Antibody | anti-GSK3-beta antibody

Rabbit anti-GSK3-beta Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211736	Rabbit	Human, Mouse	Western Blot

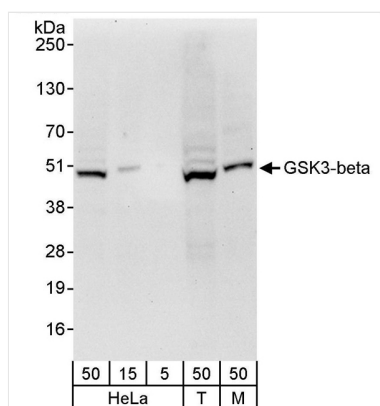
PRODUCT SYNONYMS

GSK3-beta; Polyclonal Antibody; Rabbit anti-GSK3-beta Antibody; Affinity Purified; serine/threonine-protein kinase GSK3B; glycogen synthase kinase-3 beta; GSK-3 beta; GSK3beta isoform; Glycogen synthase kinase-3 beta; glycogen synthase kinase 3 beta; anti-GSK3-beta antibody

PRODUCT SPECIFICATIONS

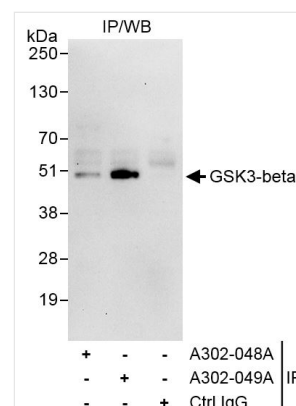
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GSK3-beta antibody	WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 370 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse GSK3-beta by western blot. Samples: Whole cell lysate from HeLa (5, 15, and 50 ug), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibody: Affinity purified rabbit anti-GSK3-beta antibody AAA211736 (lot AAA211736-1) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human GSK3-beta by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-GSK3-beta antibody AAA211736 (lot AAA211736-1) used for IP at 10 ug/mg lysate. GSK3-beta was also immunoprecipitated by rabbit anti-GSK3-beta antibody which recognizes an upstream epitope. For blotting immunoprecipitated GSK3-beta, AAA211736 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3-beta antibody	Glycogen synthase kinase 3 beta (GSK3beta) is a proline-directed serine-threonine kinase identified as a kinase responsible for the phosphorylation and inactivation of glycogen synthase. GSK3beta is a critical component of the Wnt/beta-catenin signaling pathway, and its activity results in the inhibition of Wnt signaling by mediating the degradation of beta-catenin. In addition to the Wnt-signaling pathway, GSK3beta is also involved in the Hedgehog, Notch and insulin signaling pathways.
Product Categories/Family for anti-GSK3-beta antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361340
NCBI GeneID	2932
NCBI Accession #	NP_002084.2
NCBI GenBank Nucleotide #	NM_002093.3
UniProt Accession #	P49841; Q9BWH3; Q9UL47; D3DN89
Molecular Weight	48,034 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gsk3-beta-antibody-western-blot-elisa/211736>