

Rabbit GSK3 beta Polyclonal Antibody | anti-GSK3 beta antibody

GSK3 beta antibody

CATALOG # AAA224852	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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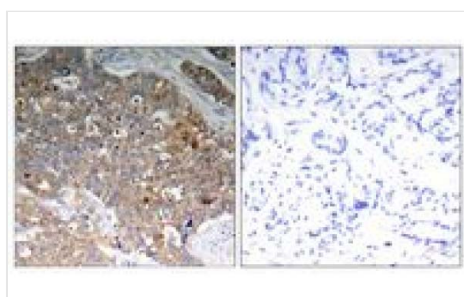
PRODUCT SYNONYMS

GSK3 beta; Polyclonal Antibody; GSK3 beta antibody; Rabbit polyclonal GSK3 beta antibody; Polyclonal GSK3 beta antibody; Anti-GSK3 beta antibody; Phospho Tyr216 antibody; GSK beta 3; Glycogen synthase kinase 3 beta antibody; GSK beta-3; Gsk3beta antibody; GSK beta-3 antibody; Phospho Ser9 antibody; GSK beta 3 antibody; anti-GSK3 beta antibody

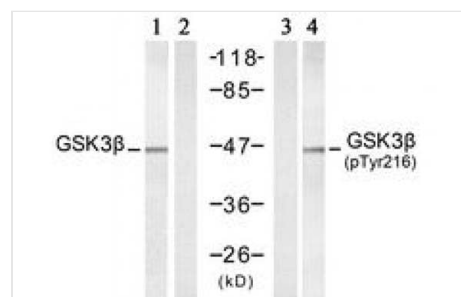
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	420
Applicable Applications for anti-GSK3 beta antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	GSK3 beta antibody was raised in Rabbit using the peptide sequence around phosphorylation site of tyrosine 216 (V-S-Y(p)-I-C) derived from Human GSK3B as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

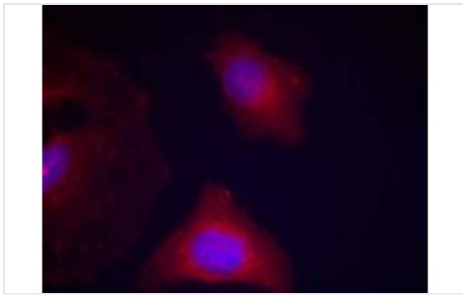
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3beta (Phospho-Tyr216) antibody (left) or the same antibody preincubated with blocking peptide (right)


WB (Western Blot)

Western Blot analysis of extracts from 293 cells untreated or treated with PMA using GSK3beta (Phospho-Tyr216) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using GSK3beta (Phospho-Tyr216) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3 beta antibody	Glycogen synthase kinase 3 beta is a serine/threonine kinase involved in insulin, growth factor and Wnt signaling. Glycogen synthase kinase 3 beta (Gsk3beta) is a molecular regulator of cell fate in the central nervous system and a target of the phosphatidylinositol 3-kinase (PI3k) pathway. It is an enzyme with a diverse number of actions in intracellular signaling systems, regulating neuronal plasticity, gene expression and cell survival.
Product Categories/Family for anti-GSK3 beta antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	148226891
NCBI GeneID	399097
NCBI Accession #	NP_001083752.1
NCBI GenBank Nucleotide #	NM_001090283.1
Molecular Weight	46,903 Da
NCBI Official Full Name	glycogen synthase kinase-3 beta
NCBI Official Synonym Full Names	glycogen synthase kinase 3 beta L homeolog
NCBI Official Symbol	gsk3b.L
NCBI Official Synonym Symbols	gsk3; gsk-3; gsk3b; xgsk-3; gsk3beta; gsk3-beta
NCBI Protein Information	glycogen synthase kinase-3 beta
UniProt Protein Name	Glycogen synthase kinase-3 beta
UniProt Gene Name	gsk3b
UniProt Synonym Gene Names	Xgsk-3; 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/gsk3-beta-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/224852>