

Rabbit GSK3 beta Polyclonal Antibody | anti-GSK3 beta antibody

GSK3 beta antibody

CATALOG # AAA224754	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
-------------------------------	-----------------------	---

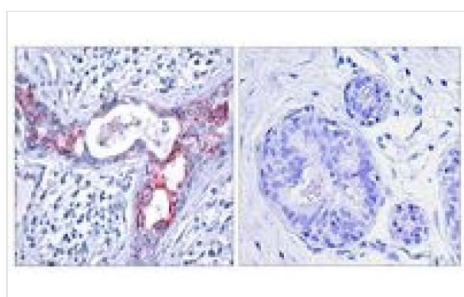
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

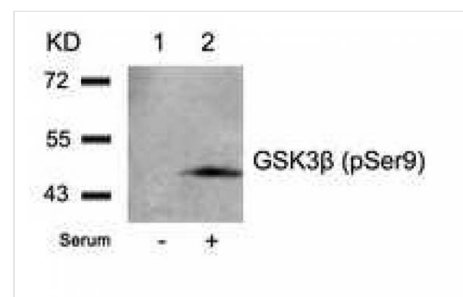
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	420
Applicable Applications for anti-GSK3 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 serine 9 (T-T-S(p)-F-A) 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



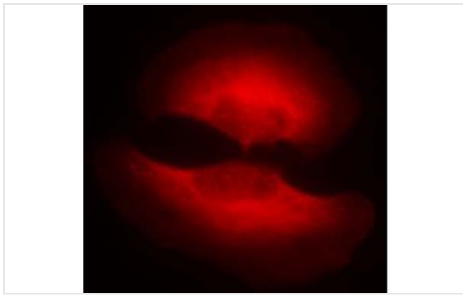
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3P (Phospho-Ser9) antibody (left) or the same antibody preincubated with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from 293 cells untreated (Lane 1) or treated with serum (Lane 2) using GSK3P (Phospho-Ser9) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic staining using GSK3P (Phospho-Ser9) 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.

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-immunohistochemistry-immunofluorescence-elisa/224754>