

Rabbit GSK3 alpha Polyclonal Antibody | anti-GSK3 alpha antibody

GSK3 alpha antibody

CATALOG # AAA224758	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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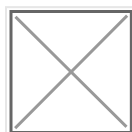
PRODUCT SYNONYMS

GSK3 alpha; Polyclonal Antibody; GSK3 alpha antibody; Rabbit polyclonal GSK3 alpha antibody; Polyclonal GSK3 alpha antibody; Anti-GSK3 alpha antibody; Phospho Ser21 antibody; anti-GSK3 alpha antibody

PRODUCT SPECIFICATIONS

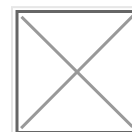
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	483
Applicable Applications for anti-GSK3 alpha antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	GSK3 alpha antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 21 (T-S-S(p)-F-A) derived from Human GSK3A 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



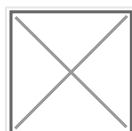
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3a (Phospho-Ser21) 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 GSK3a (Phospho-Ser21) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic staining using GSK3a (Phospho-Ser21) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3 alpha antibody	Glycogen synthase kinase 3 alpha is a serine/threonine kinase involved in insulin, growth factor and Wnt signaling. 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 alpha antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	49574532
NCBI GeneID	2931
NCBI Accession #	NP_063937.2
NCBI GenBank Nucleotide #	NM_019884.2
UniProt Accession #	P49840; O14959
Molecular Weight	50,981 Da
NCBI Official Full Name	glycogen synthase kinase-3 alpha
NCBI Official Synonym Full Names	glycogen synthase kinase 3 alpha
NCBI Official Symbol	GSK3A
NCBI Protein Information	glycogen synthase kinase-3 alpha
UniProt Protein Name	Glycogen synthase kinase-3 alpha
UniProt Gene Name	GSK3A
UniProt Synonym Gene Names	GSK-3 alpha

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-alpha-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/224758>