

Rabbit GSK3A Polyclonal Antibody | anti-GSK3A antibody

Phospho-GSK3A (Ser21) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243351	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GSK3A; Polyclonal Antibody; Phospho-GSK3A (Ser21) Antibody; Factor A; GSK-3 alpha; kinase GSK3-alpha; anti-GSK3A antibody

PRODUCT SPECIFICATIONS

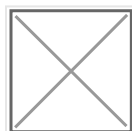
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Supplied at 1.0mg/mL in Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-GSK3A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of serine 21 (T-S-S(p)-F-A) derived from Human GSK3a.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



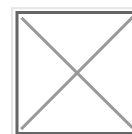
WB (Western Blot)

Western blot analysis of extracts from 293 cells, treated with insulin or calf intestinal phosphatase (CIP), using GSK3alpha (Phospho-Ser21) Antibody.



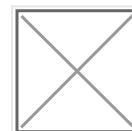
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3a(Phospho-Ser21) Antibody(left) or the same antibody preincubated with blocking peptide(right).



IF (Immunofluorescence)

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



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.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GSK3A antibody	Cell Biology
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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; GSK-3 alpha; serine/threonine-protein kinase GSK3A
UniProt Protein Name	Glycogen synthase kinase-3 alpha
UniProt Gene Name	GSK3A
UniProt Synonym Gene Names	GSK-3 alpha
UniProt Entry Name	GSK3A_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gsk3a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243351>