

GSK3alpha Antibody | anti-GSK3alpha antibody

GSK3alpha (Phospho-Ser21) Antibody

CATALOG # AAA267724	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, ELISA, Immunohistochemistry, Western Blot
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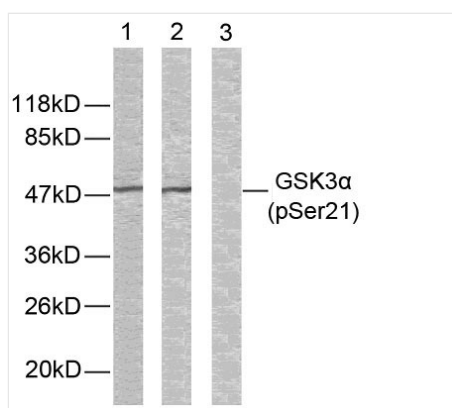
PRODUCT SYNONYMS

GSK3alpha; GSK3alpha (Phospho-Ser21) Antibody; anti-GSK3alpha antibody

PRODUCT SPECIFICATIONS

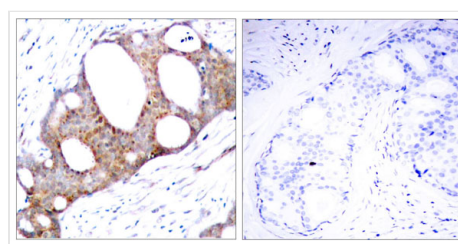
Reactivity	Human, Mouse, Rat
Specificity	GSK3alpha(Phospho-Ser21) Antibody detects endogenous levels of GSK3alpha only when phosphorylated at Serine 21.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	483
Applicable Applications for anti-GSK3alpha antibody	IP (Immunoprecipitation), ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human GSK3alpha around the phosphorylation site of Serine 21.
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from ovary cancer cells. Line1: Using GSK3alpha(Phospho-Ser21) Antibody; Line2: The same antibody preincubated with synthesized non-phosphopeptide; Line3: The same antibody preincubated with synthesized phosphopeptide.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded breast carcinoma. Left: Using GSK3alpha (Phospho-Ser21) Antibody; Right: The same antibody preincubated with synthesized phosphopeptide.

ADDITIONAL INFORMATION

References	Barry FA, et al. (2003) FEBS Lett. 553(1-2): 173-178. Koivisto L, et al. (2003) J Cell Sci. 116(Pt 18): 3749-3760. Welsh G I, et al. (1996) Trends Cell Biol. 6:274-279. Srivastava A K, et al. (1998) Mol. Cell. Biochem. 182: 135-141.
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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
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/human-mouse-rat-antibody/gsk3alpha/267724>