

GSK3alpha Antibody | anti-GSK3alpha antibody

GSK3alpha (Ab-21) Antibody

CATALOG # AAA267725	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunoprecipitation, ELISA, Immunohistochemistry, Western Blot
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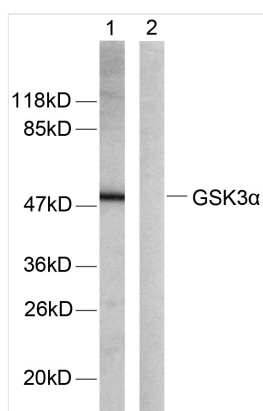
PRODUCT SYNONYMS

GSK3alpha; GSK3alpha (Ab-21) Antibody; anti-GSK3alpha antibody

PRODUCT SPECIFICATIONS

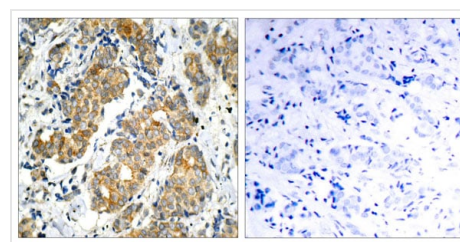
Reactivity	Human, Mouse, Rat
Specificity	GSK3alpha(Ab-21) Antibody detects endogenous levels of GSK3alpha protein around Serine 21.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), 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	This antiserum was produced against synthesized non-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(Ab-21) Antibody ; Line2: The same antibody preincubated with synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded breast carcinoma. Left: Using GSK3alpha (Ab-21) Antibody ; Right: The same antibody preincubated with synthesized peptide.

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. Cross D A, et al. (1995) Nature. 378: 785-789.
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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/267725>