

Rabbit GSK3 alpha/beta Polyclonal Antibody | anti-GSK3 alpha/beta antibody

GSK3 alpha/beta (Phospho-Tyr279/216) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316062	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

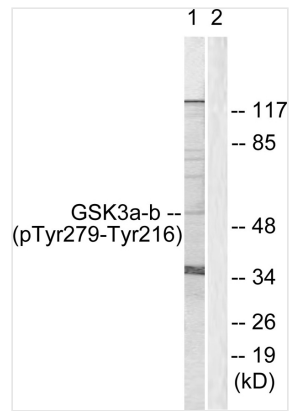
PRODUCT SYNONYMS

GSK3 alpha/beta; Polyclonal Antibody; GSK3 alpha/beta (Phospho-Tyr279/216) Antibody; Factor A; GSK-3 alpha; GSK3-alpha; Glycogen synthase kinase-3 alpha; kinase GSK3-alpha; anti-GSK3 alpha/beta antibody

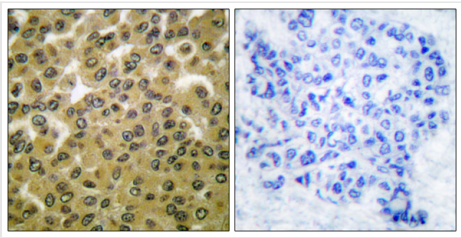
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	GSK3 alpha/beta (Phospho-Tyr279/216) Antibody detects endogenous levels of GSK3 alpha/beta only when phosphorylated at Tyr279/216.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	483
Applicable Applications for anti-GSK3 alpha/beta antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y279; M:Y279; R:Y279
Immunogen	The antiserum was produced against synthesized peptide derived from human GSK3 alpha/beta around the phosphorylation site of Tyr279/216.
Immunogen Range	246-295
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from HeLa cells, using GSK3 alpha/beta (Phospho-Tyr279/216) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GSK3 alpha/beta (Phospho-Tyr279/216) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
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.