

Rabbit Glycogen Synthase Kinase 3 Alpha (GSK3a) Polyclonal Antibody | anti-GSK3a antibody

Polyclonal Antibody to Glycogen Synthase Kinase 3 Alpha (GSK3a)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134859	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

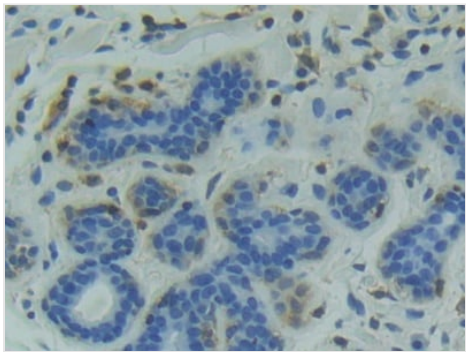
PRODUCT SYNONYMS

Glycogen Synthase Kinase 3 Alpha (GSK3a); Polyclonal Antibody; Polyclonal Antibody to Glycogen Synthase Kinase 3 Alpha (GSK3a); anti-GSK3a antibody

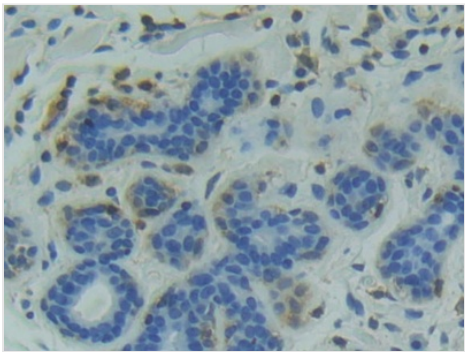
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GSK3a. It has been selected for its ability to recognize GSK3a in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and GST-tag and its sequence is listed below. MSPILG YWIKGLVQP TRLLLEYLEE KYEEHLYERD EGDKWRNKKF ELGLEFPNLP YYIDGDVKLT QSMIIIRYIA DKHNMLGGCP KERAESMLE GAVLDIRYGV SRIAYSKDFE TLKVDFLSKL PEMLKMFEDR LCHKTYLNGD HVTHPDFMLY DALDVVLYMD PMCLDAFPKL VCFKKRIEAI PQIDKYLKSS KYIAWPLQGW QATFGGGDHP PKSDGSTSGS GHHHHHHSAG LVPRGSTAIG MKETAAKFE RQHMDSPDLG TLEVLFGGPL GSEF-QEVAY TDIKVINGNS FGVVYQARLA ETRELVAIKK VLQDKRFKNR ELQIMRKLDH CNIVRLRYFF YSSGEKKDEL YLNLVLEYVP ETVYRVARHF TKAKLTIPIL YVKVYMYQLF RSLAYIHSQG VCHRDIPQN LLVDPDTAVL KLCDFGSAKQ LVRGEPNVS YICSRYRAPE LIFGATDYTS SIDVWSAGCV LAELLLGQPI FPGDSGVDQL VEIIVLGTPTREQIREMNP NYTEFKFPQI KAHPTWKVFK S
Sequence Length	483
Applicable Applications for anti-GSK3a antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GSK3a (Gln115~Leu409) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

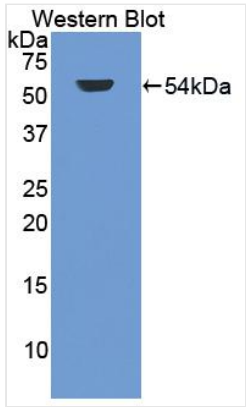
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Breast cancer Tissue



IHC (Immunohiostchemistry)
DAB staining on IHC-P; Samples: Human Breast cancer Tissue



WB (Western Blot)
Western Blot; Sample: Recombinant protein.

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.