

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

Polyclonal Antibody to Glycogen Synthase Kinase 3 Alpha (GSK3a)

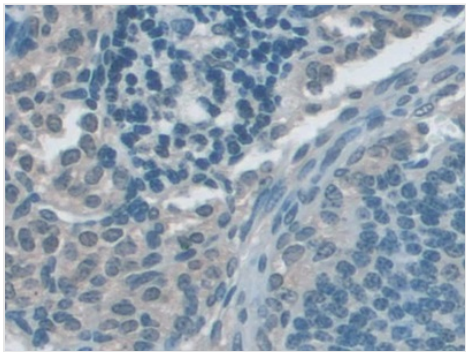
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20310	Rabbit	Mouse, Human, Rat	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

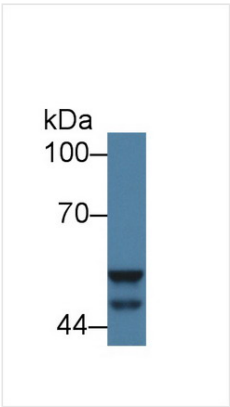
Glycogen Synthase Kinase 3 Alpha (GSK3a); Polyclonal Antibody; Polyclonal Antibody to Glycogen Synthase Kinase 3 Alpha (GSK3a); anti-GSK3a antibody

PRODUCT SPECIFICATIONS

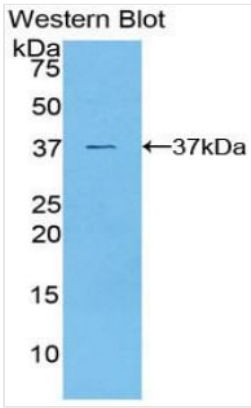
Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GSK3a. It has been selected for its ability to recognize GSK3a in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	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 T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-IKVIGNGS FGVVYQARLA ETRELVAIKK VLQDKRFKNR ELQIMRKLDH CNIVRLRYFF YSSGEKKDEL YLNLVLEYVP ETVYRVARHF TKAKLITPII YIKVYMYQLF RSLAYIHSQG VCHRDIPQN LLVDPDTAVL KLCDFGSAKQ LVRGEPNVS YICSRYYRAPE LIFGATDYTS SIDVWSAGCV LAELLLGQPI FPGDSGVDQL VEIKVLGTP TREQIREMNP NYTEFKFPQI KAHPWTKVFK SSKTPPEAIA L
Sequence Length	483
Applicable Applications for anti-GSK3a antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant GSK3a (Ile122-Glu406) expressed in E.coli.
Cross Reactivity	Mouse
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.



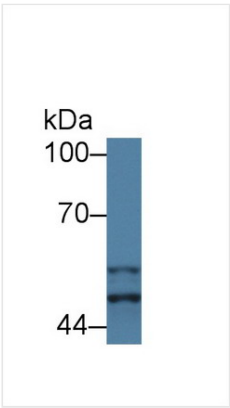
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Ovary Tissue



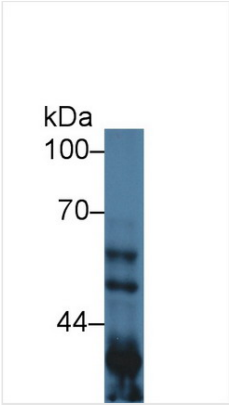
WB (Western Blot)
Western Blot: Sample: Mouse Small intestine lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse GSK3a Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



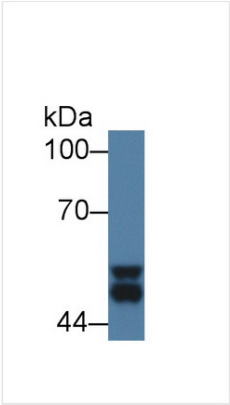
WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Mouse Placenta lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse GSK3a Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Mouse Lung lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse GSK3a Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse GSK3a Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	72384361
NCBI GeneID	606496
NCBI Accession #	NP_001026837.1

NCBI GenBank Nucleotide #	NM_001031667.1
UniProt Accession #	Q2NL51
Molecular Weight	51,661 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 Official Synonym Symbols	2700086H06Rik
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/polyclonal/glycogen-synthase-kinase-3-alpha-gsk3a-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/20310>