

Rabbit anti-Human, Mouse GSK-3alpha/beta Polyclonal Antibody | anti-GSK-3alpha/beta antibody

GSK-3alpha/beta Rabbit pAb

CATALOG # AAA282265	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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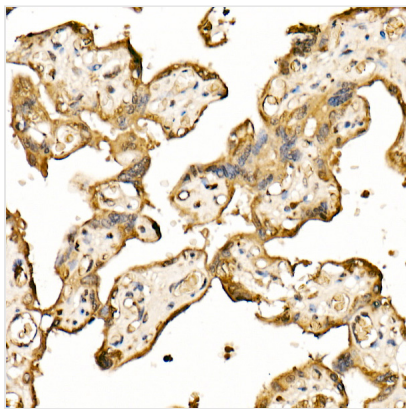
PRODUCT SYNONYMS

GSK-3alpha/beta; Polyclonal Antibody; GSK-3alpha/beta Rabbit pAb; GSK3B; gsk-3beta; anti-GSK-3alpha/beta antibody

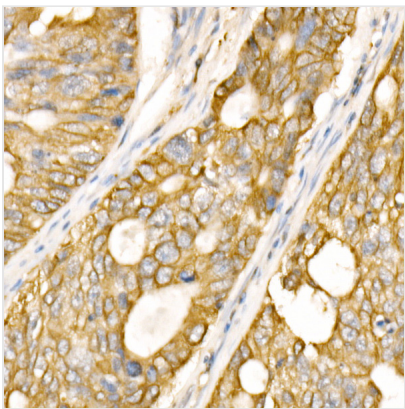
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MATTVSTQRG PVYIGELPQD FLRITPTQQQ RQVQLDAQAA QQLQYGGAVG TVGRLNITVV QAKLAKNYGM TRMDPYCRLR LGYAVYETPT AHNGAKNPRW NKVIHCTVPP GVDSFYLEIF DERAFSMDDR IAWTHITPE SLRQGKVEDK WYSLSGRQGD DKEGMINLVM SYALLPAAMV MPPQPVLMP TVYQQGVGYV PITGMPAVCS PGMVPVALPP AAVNAQPRCS EEDLKAIQDM FPNMDQEVIR SVLEAQRGNK DAAINSLQM GEEP
Applicable Applications for anti-GSK-3alpha/beta antibody	IHC (Immunohistochemistry)
Positive Samples	U-87MG, A-431, HeLa, B-cell, Mouse liver
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 253-368 of human GSK-3alpha/beta (NP_063937.2).
Cellular Location	Cell membrane, Cytoplasm, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using GSK-3alpha/beta Rabbit pAb at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using GSK-3alpha/beta Rabbit pAb at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-GSK-3alpha/beta antibody	The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-GSK-3alpha/beta antibody	Epigenetics & Nuclear Signaling; Translation Control; Regulation of eIF4 and p70 S6 Kinase; Regulation of eIF2; Cancer; Signal Transduction; Kinase; Serine/threonine kinases; PI3K-Akt Signaling Pathway; mTOR Signaling Pathway; ErbB-HER Signaling Pathway;

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361619
NCBI GeneID	54472
NCBI Accession #	NP_061882.2
NCBI GenBank Nucleotide #	NM_019009.3
UniProt Accession #	Q9H0E2; Q9H9E6; Q9UJ69
Molecular Weight	30,282 Da
NCBI Official Full Name	toll-interacting protein
NCBI Official Synonym Full Names	toll interacting protein
NCBI Official Symbol	TOLLIP
NCBI Official Synonym Symbols	IL-1RAcPIP
NCBI Protein Information	toll-interacting protein; adapter protein
UniProt Protein Name	Toll-interacting protein
UniProt Gene Name	TOLLIP
UniProt Entry Name	TOLIP_HUMAN

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.

