

Rabbit CSNK1G3 Polyclonal Antibody | anti-CSNK1G3 antibody

CSNK1G3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322741	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

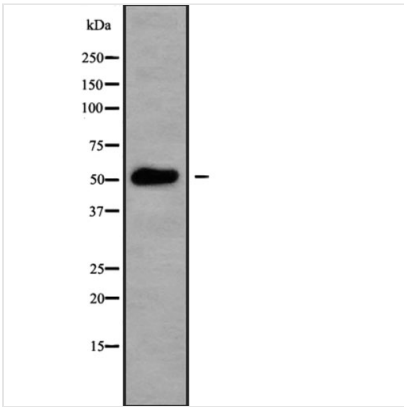
PRODUCT SYNONYMS

CSNK1G3; Polyclonal Antibody; CSNK1G3 Antibody; casein kinase 1 gamma 3; casein kinase I gamma 3; Casein kinase I isoform gamma 3; Casein kinase I isoform gamma-3; CKI-gamma 3; Csnk1g3; CSNK1G3L; KC1G3_HUMAN; anti-CSNK1G3 antibody

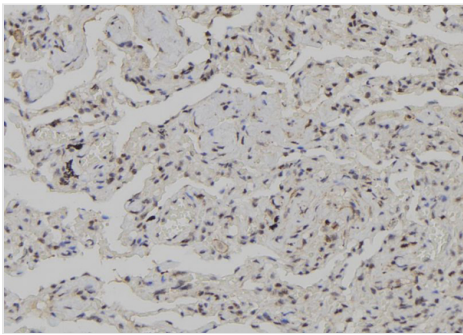
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CSNK1G3 antibody detects endogenous levels of total CSNK1G3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	423
Applicable Applications for anti-CSNK1G3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CSNK1G3
Subcellular Location	Cytoplasm.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (89%), Horse (100%), Sheep (90%), Rabbit (100%), Dog (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of CSNK1G3 using HUVEC whole cell lysates



IHC (Immunohistochemistry)
AAA322741 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CSNK1G3 antibody	Function: Serine/threonine-protein kinase. Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Regulates fast synaptic transmission mediated by glutamate (By similarity). Subunit Structure: Monomer. Post-translational Modifications: Autophosphorylated. Similarity: Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73532780
NCBI GeneID	1456
NCBI Accession #	NP_001026982.1
NCBI GenBank Nucleotide #	NM_001031812.3
UniProt Accession #	Q9Y6M4; Q86WZ7; Q9Y6M3; A8K040; B4DSH2; B7Z9Q4; E7EVD0
Molecular Weight	Observed: 51 kDa Predicted: 52 kDa
NCBI Official Full Name	casein kinase I isoform gamma-3 isoform 2
NCBI Official Synonym Full Names	casein kinase 1 gamma 3
NCBI Official Symbol	CSNK1G3
NCBI Official Synonym Symbols	CSNK1G3L; CKI-gamma 3
NCBI Protein Information	casein kinase I isoform gamma-3; casein kinase I
UniProt Protein Name	Casein kinase I isoform gamma-3
UniProt Gene Name	CSNK1G3
UniProt Synonym Gene Names	CKI-gamma 3

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.