



KC1G3 Polyclonal Antibody

Catalog No	YP-Ab-06729
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	CSNK1G3
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	KC1G3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KC1G3;CSNK1G3;Casein kinase I isoform gamma-3 (CKI-gamma 3) (EC 2.7.11.1)
Observed Band	49kD
Calculated Molecular Weight	49kD
Cell Pathway	Cytoplasm.
Tissue Specificity	Brain,Testis,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function: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.,miscellaneous:Triazolodiamine 1 is a commercial name for 5-amino-3-([4-(aminosulfonyl)phenyl]amino)-N-(2,6-difluorophenyl)-1H-1,2,4-triazole-1-carbothioamide.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.,similarity:Contains 1 protein kinase domain.,subunit:Monomer.,

Background

This gene encodes a member of a family of serine/threonine protein kinases that phosphorylate caseins and other acidic proteins. A related protein in the African clawed frog participates in the transmission of Wnt/beta-catenin signaling. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images