Product Name: Casein Kinase Iγ1/2/3 (phospho Tyr263) Rabbit Polyclonal Antibody
Catalog #: APRab04365

Summary

Production Name	Casein Kinase Iγ1/2/3 (phospho Tyr263) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CSNK1G1/CSNK1G2/CSNK1G3
Alternative Names	CSNK1G1; Casein kinase I isoform gamma-1; CKI-gamma 1; CSNK1G2; CK1G2; Casein kinase I isoform gamma-2; CKI-gamma 2; CSNK1G3; Casein kinase I isoform gamma-3; CKI-gamma 3
Gene ID	53944/1455/1456
SwissProt ID	Q9HCP0/P78368/Q9Y6M4.The antiserum was produced against synthesized peptide derived from human CK-1 gamma1/2/3 around the phosphorylation site of Tyr263. AA range:229-278

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:20000

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Molecular Weight

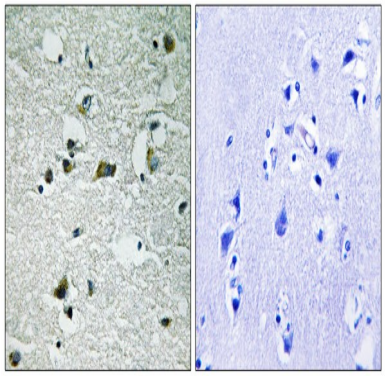
Background

This gene encodes a member of the casein kinase I gene family. This family is comprised of serine/threonine kinases that phosphorylate acidic proteins such as caseins. The encoded kinase plays a role in cell cycle checkpoint arrest in response to stalled replication forks by phosphorylating Claspin. A mutation in this gene may be associated with non-syndromic early-onset epilepsy (NSEOE). [provided by RefSeq, Jul 2016],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.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily.,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.,

Research Area

Hedgehog;

Image Data



Immunohistochemistry analysis of paraffin-embedded human brain, using CK-1 gamma1/2/3 (Phospho-Tyr263) Antibody. The picture on the right is blocked with the phospho peptide.

Note

For research use only.