

Casein Kinase I γ 1/2/3 (phospho Tyr263) Polyclonal Antibody

Catalog No: #14018

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Package Size: #14018-1 50ul #14018-2 100ul

Description

Product Name	Casein Kinase I γ 1/2/3 (phospho Tyr263) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Casein Kinase I γ 1/2/3 (Y263) Polyclonal Antibody detects endogenous levels of Casein Kinase I γ 1/2/3 protein only when phosphorylated at Y263.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human CK-1 γ 1/2/3 around the phosphorylation site of Tyr263. AA range:229-278
Other 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
Accession No.	Swiss Prot:Q9HCP0/P78368/Q9Y6M4GeneID:53944/1455/1456
Calculated MW	48/48/48kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Background

casein kinase 1 gamma 1(CSNK1G1) Homo sapiens 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],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.