

## Casein Kinase Iy1/2/3 (phospho Tyr263) rabbit pAb

**Cat No.:ES6632** 

For research use only

## Overview

Product Name Casein Kinase Iγ1/2/3 (phospho Tyr263) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/20000. Not yet tested in other applications.

Immunogen 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

Specificity Phospho-Casein Kinase Iy1/2/3 (Y263) Polyclonal

Antibody detects endogenous levels of Casein

Kinase Iγ1/2/3 protein only when phosphorylated at

Y263.

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Casein kinase I isoform gamma-1/2/3

Gene Name CSNK1G1/CSNK1G2/CSNK1G3

**Cellular localization** Cytoplasm.

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

Human Gene ID 53944/1455/1456

Human Swiss-Prot Number Q9HCP0/P78368/Q9Y6M4

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



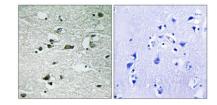




**Background** 

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],

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.



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