

Casein Kinase Iy1/2/3 rabbit pAb

Cat No.: ES6633

For research use only

Overview

Product Name Casein Kinase ly1/2/3 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

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

1/40000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human CK-1gamma1/2/3. AA

range:229-278

Specificity Casein Kinase Iγ1/2/3 Polyclonal Antibody detects

endogenous levels of Casein Kinase Iγ1/2/3 protein.

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

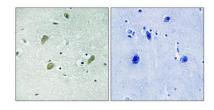




role in cell cycle checkpoint arrest in response to stalled replication forks by phosphorylating Claspin. A mutation in this gene may be associated with non-syndromic early-onset epilepsy (NSEOE). [provided by RefSeq, Jul 2016],

Immunohistochemical analysis of paraffin-embedded

Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by i



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