



# Casein Kinase I $\gamma$ 1/2/3 rabbit pAb

Cat No.:ES6633

For research use only

## Overview

<b>Product Name</b>	Casein Kinase I $\gamma$ 1/2/3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CK-1 $\gamma$ 1/2/3. AA range:229-278
<b>Specificity</b>	Casein Kinase I $\gamma$ 1/2/3 Polyclonal Antibody detects endogenous levels of Casein Kinase I $\gamma$ 1/2/3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Casein kinase I isoform gamma-1/2/3
<b>Gene Name</b>	CSNK1G1/CSNK1G2/CSNK1G3
<b>Cellular localization</b>	Cytoplasm.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	53944/1455/1456
<b>Human Swiss-Prot Number</b>	Q9HCP0/P78368/Q9Y6M4
<b>Alternative Names</b>	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
<b>Background</b>	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. Negative contrl (right) obtained from antibody was pre-absorbed by i

