

Casein Kinase I Gamma1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01183
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CKI-gamma1. AA range:1-50
Mol wt	48511
Species reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Casein Kinase Igamma1 Antibody
Synonyms	CSNK1G1; Casein kinase I isoform gamma-1; CKI-gamma 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CSNK1G1 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 (casein kinase 1 gamma 1) plays a role in cell cycle checkpoint arrest in response to stalled replication forks by phosphorylating Claspin. A mutation in CSNK1G1 may be associated with non-syndromic early-onset epilepsy (NSEOE).

Recommended Dilution

WB: 1: 500 - 1: 2000

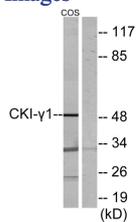
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

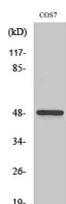
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from COS7 cells, using CKI-gamma1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Casein Kinase Iγ1 Polyclonal Antibody

Storage

-20°C for one year

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