

Datasheet for ABIN6989766
anti-CK1 epsilon antibody



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Overview

Quantity:	100 µL
Target:	CK1 epsilon (CSNK1E)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CK1 epsilon antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 247-416 of human CSNK1E (NP_689407.1).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CK1 epsilon (CSNK1E)
Alternative Name:	CSNK1E (CSNK1E Products)
Background:	Synonyms: CSNK1E,CK1epsilon,HCKIE

Target Details

Background: The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene.

Gene ID:	1454
UniProt:	P49674
Pathways:	Hedgehog Signaling, M Phase

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(ICC) 1:50-200 IP(1-2 µg) IHC() IF()
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months