

Datasheet for ABIN7266100

anti-Casein Kinase 1 delta antibody (AA 250-350)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Casein Kinase 1 delta (CSNK1D)
Binding Specificity:	AA 250-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Casein Kinase 1 delta antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	CSNK1D Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human CSNK1D (NP_620693.1).
Sequence:	TYLNFCRSLR FDDKPDYSYL RQLFRNLFHR QGFSYDYVFD WNMLKFGASR AADDAERERR DREERLRHSR NPATRGLPST ASGRLRGTQE VAPPTPLTPT S
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

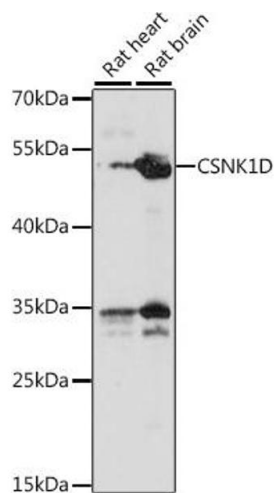
Target:	Casein Kinase 1 delta (CSNK1D)
Alternative Name:	CSNK1D (CSNK1D Products)
Background:	<p>This gene is a member of the casein kinase I (CKI) gene family whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein may also be involved in the regulation of apoptosis, circadian rhythm, microtubule dynamics, chromosome segregation, and p53-mediated effects on growth. The encoded protein is highly similar to the mouse and rat CK1 delta homologs. Three transcript variants encoding different isoforms have been found for this gene.,CSNK1D,ASPS,CKIdelta,FASPS2,HCKID,Cancer,Tumor suppressors,p53 pathway,Signal Transduction,Kinase,Serine/threonine kinases,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Centrosome,Cell cycle inhibitors,Hedgehog Signaling Pathway,Hippo Signaling Pathway,Wnt/β-Catenin Signaling Pathway,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,Stem Cells,CSNK1D</p>
Molecular Weight:	46kDa/47kDa
Gene ID:	1453
UniProt:	P48730
Pathways:	Hedgehog Signaling , M Phase

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using CSNK1D antibody (ABIN7266100) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.