

Datasheet for ABIN185622

**anti-Casein Kinase 1 delta antibody (Internal Region)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	Casein Kinase 1 delta (CSNK1D)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Casein Kinase 1 delta antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	Casein Kinase 1, delta
Immunogen:	Peptide with sequence C-DREERLRHSRNPATR, from the internal region of the protein sequence according to NP_001884.2, NP_620693.1.
Sequence:	DREERLRHSR NPATR
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_001884.2 and NP_620693.1)
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: Casein Kinase 1 delta (CSNK1D)

Alternative Name: CSNK1D ([CSNK1D Products](#))

Background: Casein kinase 1, delta, HGNC:2452, CSNK1D, HCKID, CKIdelta

Gene ID: 1453, 104318, 64462

NCBI Accession: [NP\\_001884](#), [NP\\_620693](#)

Pathways: [Hedgehog Signaling](#), [M Phase](#)

## Application Details

Application Notes: Western Blot: Approx 48 kDa band observed in Mouse Brain lysates and in preliminary testing of U251 cell lysates (calculated MW of 47.3 kDa according to Mouse NP\_620690.1).  
Recommended concentration: 0.1-0.3 µg/mL. Primary incubation 1 hour at room temperature  
Peptide ELISA: antibody detection limit dilution 1:32000.

Comment: **Immunofluorescence:** Expression of the protein seen in the Nucleus of U251 cells.  
Recommended concentration: 10µg/ml.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

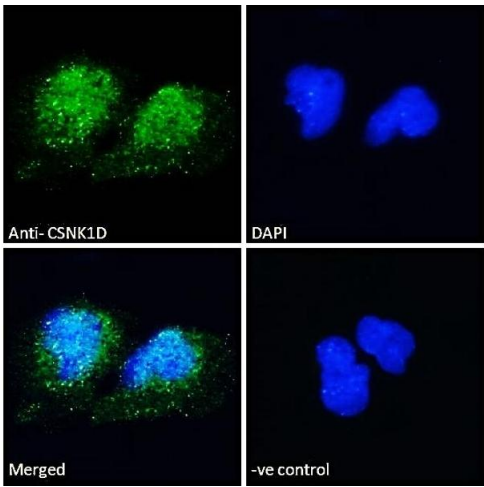
Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

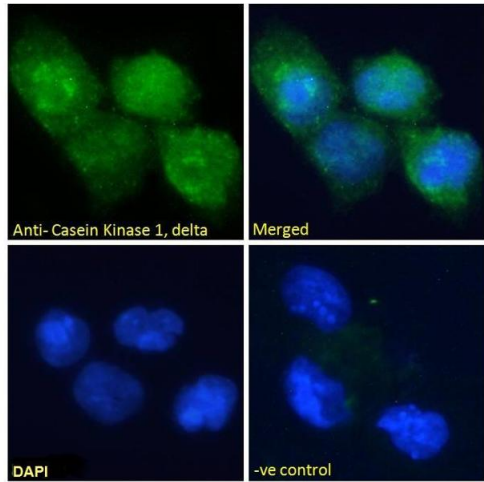
at 4°C for a few weeks and still remain viable.

Images



Immunofluorescence

**Image 1.** (ABIN185622) Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear staining. The nuclear stain is DAPI (blue)



Immunofluorescence

**Image 2.** ABIN185622 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue)



Western Blotting

**Image 3.** ABIN185622 (0.3µg/ml) staining of HEK 293 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN185622.