

For Research Use Only

# Casein Kinase 1 Delta Recombinant antibody, PBS Only

Catalog Number: 86423-2-PBS



## Basic Information

|                           |             |                           |                        |                      |                        |
|---------------------------|-------------|---------------------------|------------------------|----------------------|------------------------|
| Catalog Number:           | 86423-2-PBS | GenBank Accession Number: | BC003558               | Purification Method: | Protein A purification |
| Concentration:            | 1 mg/ml     | GenID (NCBI):             | 1453                   | CloneNo.:            | 251238D11              |
| Source:                   | Rabbit      | UNIPROT ID:               | P48730                 |                      |                        |
| Isotype:                  | IgG         | Full Name:                | casein kinase 1, delta |                      |                        |
| Immunogen Catalog Number: | AG5856      | Calculated MW:            | 47 kDa                 |                      |                        |
|                           |             | Observed MW:              | 47 kDa                 |                      |                        |

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human, mouse

## Background Information

CSNK1D(casein kinase I isoform delta) is also named as HCK1D, CK1d and belongs to the casein kinase I subfamily. CKI is a ubiquitous enzyme which has been found in the cytosol, associated with membranes, and in the nucleus. It can phosphorylate a large number of cytosolic, membrane-associated, and nuclear proteins (PMID:8454611). CSNK1D is found to be associated generally with granulovacuolar bodies and tau-containing neurofibrillary tangles in AD, DS, PSP, PDC, PPND, and controls, and Pick bodies and ballooned neurons in PiD (PMID:10924763). It has 2 isoforms produced by alternative splicing.

## Storage

### Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

### Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

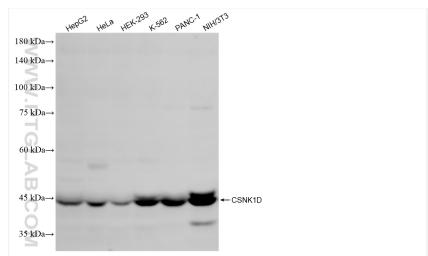
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 86423-2-RR (CSNK1D antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86423-2-PBS in a different storage buffer formulation.