

Datasheet for ABIN499629  
**anti-CIDEB antibody (C-Term)**



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1 Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.1 mg                                          |
| Target:              | CIDEB                                           |
| Binding Specificity: | C-Term                                          |
| Reactivity:          | Mouse                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This CIDEB antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|               |                                                                                                                                            |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Mouse mCIDE-B (C-Terminus) Peptide                                                                                                         |
| Isotype:      | IgG                                                                                                                                        |
| Specificity:  | CIDE-B antibody was raised against a peptide corresponding to amino acids 204 to 219 of murine CIDE-B. It has no cross activity to CIDE-A. |
| Purification: | Affinity chromatography purified via peptide column                                                                                        |

## Target Details

|                   |                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------|
| Target:           | CIDEB                                                                                           |
| Alternative Name: | CIDE-B ( <a href="#">CIDEB Products</a> )                                                       |
| Background:       | Apoptosis is related to many diseases and induced by a family of cell death receptors and their |

## Target Details

ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA by activated DNase. DFF45/ICAD has been identified as inhibitor of caspase activated DNase DFF40/CAD. DFF45 related proteins CIDE-A and CIDE-B (for cell death-inducing DFF-like effector A and B) were recently identified (1).CIDE contains a new type of domain termed CIDE-N, which has high homology with the regulatory domains of DFF45/ICAD and DFF40/CAD (1,2). Expression of CIDE-B induces apoptosis, which is inhibited by DFF45. CIDE-B is a DFF45-inhibitable effector that promotes cell death and DNA fragmentation. CIDE-B is expressed mainly in liver and at lower levels in spleen, kidney, peripheral blood lymphocytes, and bone marrow (1).Synonyms: CIDE B, CIDEB, Cell Death Activator CIDE-B, Cell Death-Inducing DFFA-Like Effector B

Gene ID: 12684

UniProt: [O70303](#)

## Application Details

Application Notes: ELISA. Western Blot: CIDE-B antibody can be used for detection of CIDE-B at 1/500 to 1/1000dilution. An approximately 25 kDa band can be detected.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

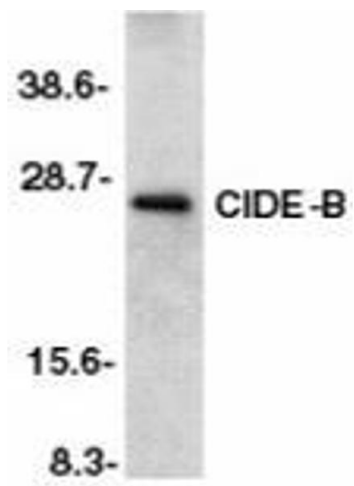
Buffer: PBS containing 0.02 % sodium azide.

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: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Western Blotting

**Image 1.** Western blot analysis of CIDE-B in mouse liver tissue lysate with AP30231PU-N CIDE-B antibody at 1/500 dilution.