

## Rabbit CIDE-B Polyclonal Antibody | anti-Cideb antibody

CIDE-B Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA39747  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

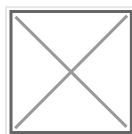
### PRODUCT SYNONYMS

CIDE-B; Polyclonal Antibody; CIDE-B Antibody; AI790179; 1110030C18Rik; Cell death activator CIDE-B; Cell death-inducing DFFA-like effector B; cell death-inducing DNA fragmentation factor; alpha subunit-like effector B; anti-Cideb antibody

### PRODUCT SPECIFICATIONS

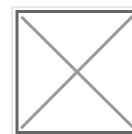
|                                                 |                                                                                                                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                       |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                            |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                   |
| Isotype                                         | IgG                                                                                                                                                                                                                                                          |
| Specificity                                     | CIDE-B antibody has no cross activity to CIDE-A.                                                                                                                                                                                                             |
| Purity/Purification                             | CIDE-B Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                       |
| Sequence Length                                 | 1167                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-Cideb antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                                                |
| Conjugate                                       | Unconjugated                                                                                                                                                                                                                                                 |
| Immunogen                                       | CIDE-B antibody was raised against a peptide corresponding to 14 amino acids near the center of human CIDE-B.                                                                                                                                                |
| Buffer                                          | CIDE-B Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                         | CIDE-B antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

### IMAGES



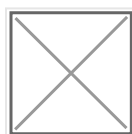
#### IF (Immunofluorescence)

Immunofluorescence of CIDE-B in Human Small Intestine cells with CIDE-B antibody at 20 &#956;g/mL.



#### IHC (Immunohistochemistry)

Immunohistochemistry of CIDE-B in human small intestine tissue with CIDE-B antibody at 5 &#956;g/mL.



#### WB (Western Blot)

Western blot analysis of CIDE-B in mouse small intestine tissue lysate with CIDE-B antibody at (A) 0.5, (B) 1 and (C) 2 &#956;g/mL.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Cideb antibody | CIDE-B Antibody: Apoptosis is related to many diseases and induced by a family of cell death receptors and their 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. CIDE contains a new type of domain termed CIDE-N, which has high homology with the regulatory domains of DFF45/ICAD and DFF40/CAD. 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. |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| NCBI GI #                        | 3114593                                                                            |
| NCBI GeneID                      | 12684                                                                              |
| UniProt Accession #              | O70303; Q91X39                                                                     |
| Molecular Weight                 | 24,800 Da                                                                          |
| NCBI Official Full Name          | Mus musculus cell death activator CIDE-B (Cide-b) mRNA, complete cds               |
| NCBI Official Synonym Full Names | cell death-inducing DNA fragmentation factor, alpha subunit-like effector B        |
| NCBI Official Symbol             | Cideb                                                                              |
| NCBI Official Synonym Symbols    | CIDE-B; AI790179; 1110030C18Rik                                                    |
| NCBI Protein Information         | cell death activator CIDE-B; DFFA-like B; cell death-inducing DFFA-like effector B |
| UniProt Protein Name             | Cell death activator CIDE-B                                                        |
| UniProt Gene Name                | Cideb                                                                              |
| UniProt Entry Name               | CIDEB_MOUSE                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.