

RABBIT ANTI-CIDE-B (C-terminus) POLYCLONAL ANTIBODY

CATALOG NUMBER: AB16923

LOT NUMBER:

QUANTITY: 100 µg

CONCENTRATION: .5 mg/mL.

SPECIFICITY: 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 an 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 DNA fragmentation and activates 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).

IMMUNOGEN: Polyclonal antibody raised against a peptide corresponding to amino acids 204-219 (C-terminus) of mouse CIDE-B (1).

APPLICATIONS: Western blot: 1:500-1:1000
Tissue lysate of murine liver can be used as a positive control and an approximately 25 kDa band is detected. This antibody does not exhibit cross reactivity to CIDE-A.
Optimal working dilutions must be determined by end user.

FORMAT: Affinity purified immunoglobulin

PRESENTATION: Liquid in PBS containing 0.02% sodium azide.

STORAGE/HANDLING: Maintain refrigerated at 2-8°C in undiluted aliquots for up to 12 months.

REFERENCES:

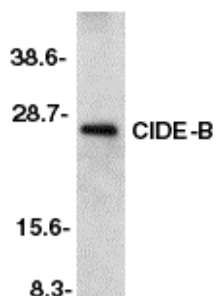
1. Inohara, N. et al. (1998). *EMBO. J.* **17**: 2526-33.
2. Inohara, N. et al. (1999). *J. Biol. Chem.* **274**: 270-4.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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Western blot analysis of CIDE-B
in murine liver tissue lysate with
anti-CIDE-B (CT) at 1:500 dilution.

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