Anti-CIDE A antibody ab8402

Overview

**Product name**: Anti-CIDE A antibody

**Description**: Rabbit polyclonal to CIDE A

**Host species**: Rabbit

**Specificity**: Does not recognise CIDE-B.

**Tested applications**: Suitable for: WB, ICC/IF

**Species reactivity**: Reacts with: Mouse

**Immunogen**: Synthetic peptide corresponding to Mouse CIDE A. The antibody was raised against an 18 amino acid peptide within the last 50 amino acids of mouse CIDE A. Database link: O70302 (Peptide available as ab8434)

**Positive control**: Tissue lysate of murine heart. An approximately 25 kDa band can be detected.

Properties

**Form**: Liquid

**Storage instructions**: Shipped at 4°C. Store at +4°C.

**Storage buffer**: Preservative: 0.02% Sodium azide

**Purity**: Affinity purified

**Clonality**: Polyclonal

**Isotype**: IgG

**Light chain type**: unknown

Applications

Our Abpromise guarantee covers the use of ab8402 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
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<td>WB</td>
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<td>Use a concentration of 0.5 µg/ml. Predicted molecular weight: 25 kDa.</td>
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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/ICARD 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 A induces DNA fragmentation and activates apoptosis, which is inhibited by DFF45. CIDE A is a DFF45 inhibitable effector that promotes cell death and DNA fragmentation. CIDE A is expressed in many tissues.

**Cellular localization**

Nuclear. Cytoplasm; mitochondrial envelope; lipid droplet.

**Images**

Anti-CIDE A antibody (ab8402) at 1/500 dilution + Murine heart tissue lysate

**Predicted band size:** 25 kDa

Immunofluorescence of CIDE-A in Mouse Heart cells using ab8402 at 20 µg/ml.

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