

Product datasheet for **TA305987**

CIDE A (CIDEA) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | WB: 0.5 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | CIDE-A antibody was raised against an 18 amino acid peptide near the carboxy terminus of mouse CIDE-A. The immunogen is located within the last 50 amino acids of CIDE-A. |
| Formulation: | PBS containing 0.02% sodium azide. |
| Concentration: | 1ug/ul |
| Purification: | Affinity chromatography purified via peptide column |
| Conjugation: | Unconjugated |
| Storage: | Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | cell death-inducing DFFA-like effector a |
| Database Link: | NP_031728 O60543 |



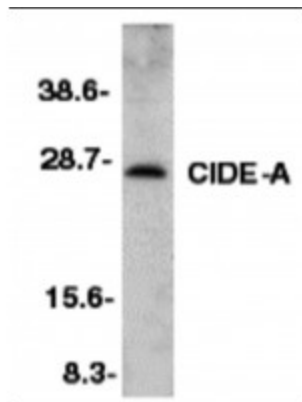
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Background:

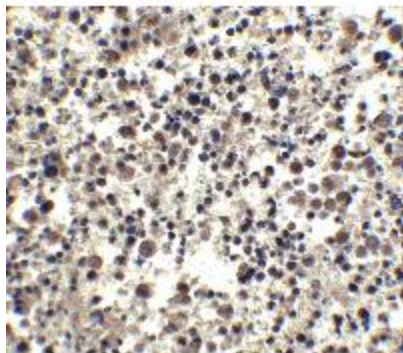
Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA 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 (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-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.

Synonyms:

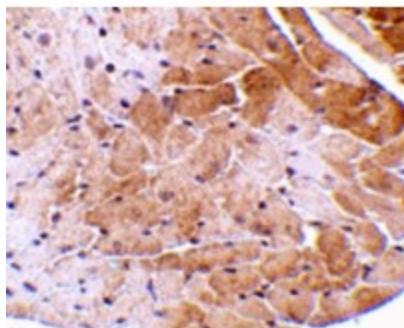
CIDE-A

Product images:

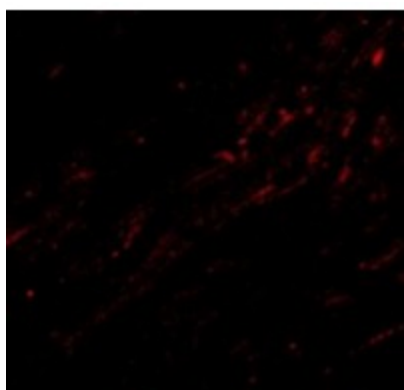
Western blot analysis of CIDE-A in mouse heart tissue lysate with CIDE-A antibody at 1:500 dilution.



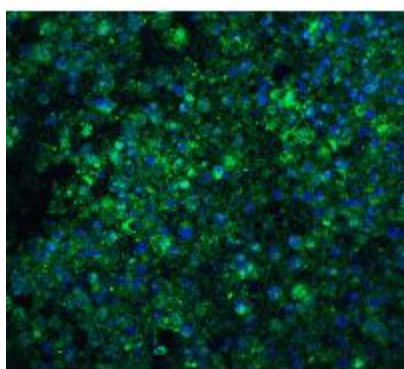
Immunohistochemistry of CIDE-A in human brain tissue with CIDE-A antibody at 2.5ug/ml.



Immunohistochemistry of CIDE-A in mouse heart tissue with CIDE-A antibody at 5ug/ml.



Immunofluorescence of CIDE-A in Mouse Heart cells with CIDE-A antibody at 20 ug/mL.



Immunofluorescence of CIDE-A in human brain tissue with CIDE A antibody at 20ug/ml.