Anti-CIDE-A (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2089
Size: 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

DFF45-related proteins CIDE-A and CIDE-B have recently been 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.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 200-214 of mouse CIDE-A (accession no. AAC34985).
Host Species: Rabbit
Stabilizers: None
Preservatives: 0.02% sodium azide.

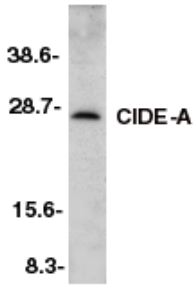
SPECIFICITY

This antibody recognizes mouse CIDE-A (25kDa) and does not cross-react with CIDE-B.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.

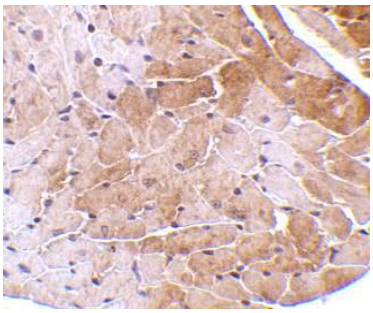
APPLICATIONS

Immunoblotting: use at 2ug/ml.



Western blot analysis of CIDE-A in murine heart tissue lysate with CIDE-A antibody at 2ug/ml.

*Immunohistochemistry:*use at 5ug/ml.



Immunohistochemical staining of CIDE-A in mouse heart tissue with CIDE-A antibody at 5µg/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.
Positive control: Tissue lysate of mouse heart.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

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