

Datasheet for ABIN499627  
**anti-CIDEA antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	CIDEA
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIDEA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Mouse mCIDE-A (C-Terminus) Peptide
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	CIDEA
Alternative Name:	CIDE-A ( <a href="#">CIDEA Products</a> )
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

## Target Details

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, CIDEA, Cell death activator CIDE-A, Cell death-inducing DFFA-like effector A

UniProt: [O70302](#)

## Application Details

Application Notes: ELISA. Western Blot: CIDE-A antibody can be used for detection of CIDE-A at 1/500 to 1/1000 dilution. An approximately 25 kDa band can be detected. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

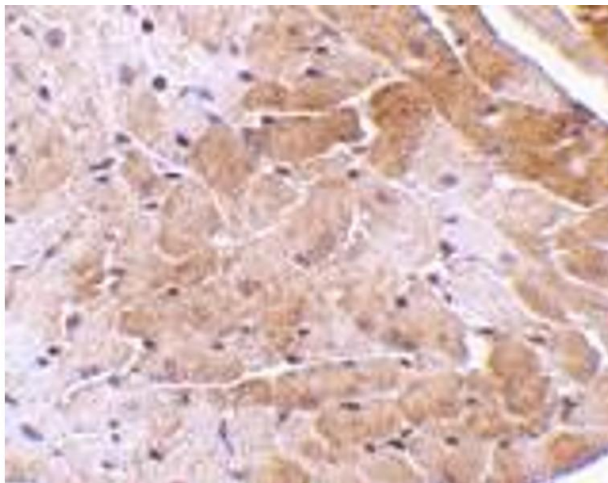
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

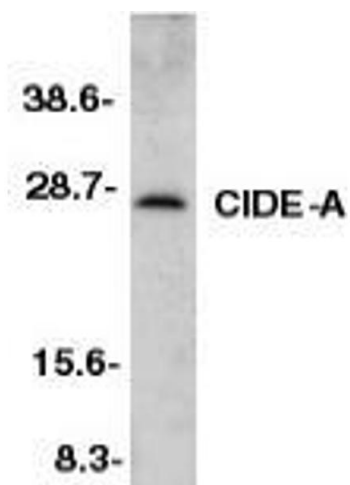
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of CIDE-A in mouse heart tissue with CIDE-A antibody at 5 µg/ml.



#### Western Blotting

**Image 2.** Western blot analysis of CIDE-A in mouse heart tissue lysate with AP30230PU-N CIDE-A antibody at 1/500 dilution.