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# Datasheet for ABIN499631 anti-CIDEB antibody (C-Term)

3 Images



### Overview

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

## Product Details

Immunogen:	CIDE-B antibody was raised against a peptide corresponding to 15 amino acids near the carboxy terminus of human CIDE-B.
Isotype:	lgG
Specificity:	This antibody reacts to CIDE-B.
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	CIDEB
Alternative Name:	CIDE-B (CIDEB Products)

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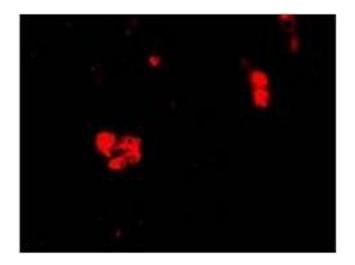
## Target Details

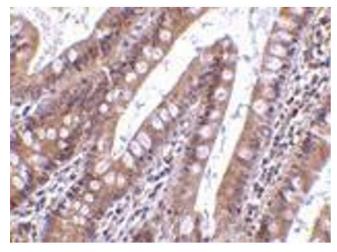
Background:	Apoptosis is related to many diseases and induced by a family of cell death receptors and their
	ligands. Cell death signals are transduced by death domain containing adapter molecules and
	members of the caspase family of proteases. These death signals finally cause the degradation
	of chromosomal 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. 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 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. CIDE-B antibody has no cross activity to CIDE-A.Synonyms: CIDE B, CIDEB,
	Cell Death Activator CIDE-B, Cell Death-Inducing DFFA-Like Effector B
Gene ID:	27141
UniProt:	Q9UHD4
Application Details	
Application Notes:	ELISA. Western Blot: CIDE-B antibody can be used for detection of CIDE-B at 0.5 - 1 $\mu$
	g/mLImmunohistochemistry.
	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.

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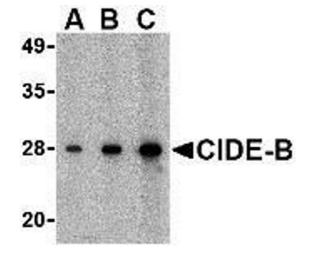


#### Immunofluorescence

**Image 1.** Immunocytochemistry of CIDE-B in Human Small Intestine cells with CIDE-B antibody at 20 ug/ml

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of CIDE-B in human small intestine tissue with CIDE-B antibody at  $5 \,\mu$ g/ml.



#### Western Blotting

**Image 3.** Western blot analysis of CIDE-B in mouse small intestine tissue lysate with AP30232PU-N CIDE-B antibody at (A) 0.5, (B) 1 and (C)  $2 \mu g/ml$ .

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