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Datasheet for ABIN499625 anti-CIDEA antibody (C-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	CIDEA
Binding Specificity:	C-Term
Reactivity:	Human
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:	Human CIDE-A (C-Terminus) Peptide
lsotype:	lgG
Specificity:	CIDE-A antibody was raised against a peptide corresponding to amino acids 200 to 217 of human CIDE-A. It has no cross activity to CIDE-B.
Purification:	Affinity chromatography purified via peptide column
Target Details	
Target:	CIDEA
Alternative Name:	CIDE-A (CIDEA Products)

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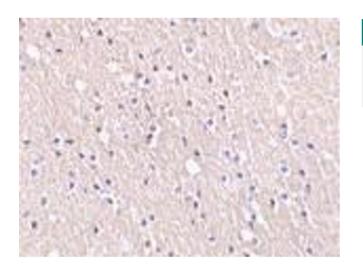
Target Details

l'arget Details	
Background:	Apoptosis is related to many diseases and induced by a family of cell death receptors. Cell
	death signals are transduced by DD-, DED-, or CARD-containing molecules and members of the
	caspase family of proteases. These death signals finally cause the degradation of
	chromosomal DNA by activated DNase DFF40/CAD, which is chaperoned and inhibited by
	DFF45/ICAD (1-4). DFF45 related proteins CIDE-A and CIDE-B (for cell death-inducing DFF-like
	effector A and B) were recently identified (5). CIDE contains a new type of domain termed CIDE
	N, which has high homology with the regulatory domains of DFF45/ICAD and DFF40/CAD (5,6)
	Expression of CIDE-A induces DNA fragmentation and activates apoptosis, which is inhibited b
	DFF45. CIDE-A is expressed in many tissues.Synonyms: CIDE A, CIDEA, Cell death activator
	CIDE-A, Cell death-inducing DFFA-like effector A
Gene ID:	1149
UniProt:	060543
Application Details	
Application Notes:	ELISA. Western Blot: CIDE-A antibody can be used for detection of CIDE-A at 1/1000 to
	1/2000dilution. An approximately 23 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.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of CIDE-A in human brain tissue with CIDE-A antibody at $5 \,\mu$ g/ml.

Western Blotting

Image 2. Western blot analysis of CIDE-A in human brain tissue lysate in the absence (A) or presence (B) of peptide with AP30229PU-N CIDE-A antibody at 1/2000 dilution.

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