

Product datasheet for **TA306049**

CIDE B (CIDEB) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CIDE-B antibody was raised against a peptide corresponding to 15 amino acids near the carboxy terminus of human CIDE-B.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cell death-inducing DFFA-like effector b
Database Link:	AF218586 Entrez Gene 27141 Human Q9UHD4



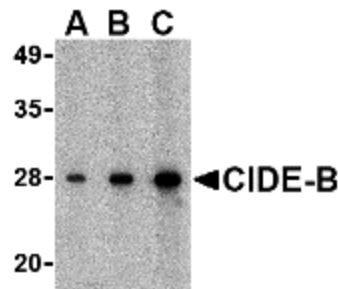
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Background:

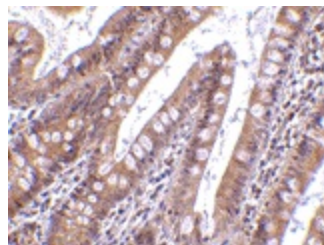
Apoptosis is related to many diseases and induced by a family of cell death receptors and their ligands. Cell death signals are transduced by death domain containing adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA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

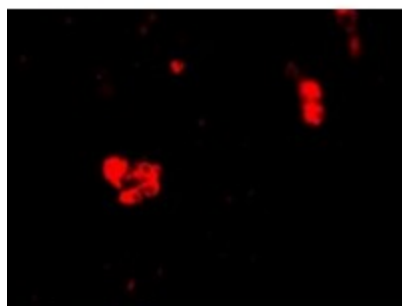
cell death-inducing DFFA-like effector b

Product images:


Western blot analysis of CIDE-B in mouse small intestine tissue lysate with CIDE-B antibody at (A) 0.5, (B) 1 and (C) 2 ug/ml.



Immunohistochemistry of CIDE-B in human small intestine tissue with CIDE-B antibody at 5 ug/ml.



Immunofluorescence of CIDE-B in Human Small Intestine cells with CIDE-B antibody at 20 ug/mL.