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Rabbit Anti-CIDEB antibody

SL0716R

Product Name:	CIDEB
Chinese Name:	CIDEB抗体
Alias:	cell death activator CIDE-B; Cell death activator CIDE B; Cell death inducing DFFA like effector B; CIDEB_HUMAN; cell death-inducing DFFA-like effector B; Cide-b.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CIDEB:118-219/219
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 an inhibitor of caspase activated DNase DFF40/CAD. DFF45 related proteins CIDE A and CIDE 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. 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 small intestine and at lower levels in spleen, colon, kidney, peripheral blood lymphocytes, and bone marrow.

Function:
Activates apoptosis.

Subunit:
Inhibited by DFFB. Interacts with DFFA and DFFB.

Tissue Specificity:
Highly expressed in liver and small intestine and, at lower levels, in colon, kidney and spleen.

Similarity:
Contains 1 CIDE-N domain.

SWISS:
Q9UHD4

Gene ID:
27141

Database links:

Entrez Gene: 27141Human

Entrez Gene: 12684Mouse

Entrez Gene: 364388Rat

Omim: 604441Human

SwissProt: Q546V8Human

SwissProt: Q9UHD4Human

SwissProt: O70303Mouse

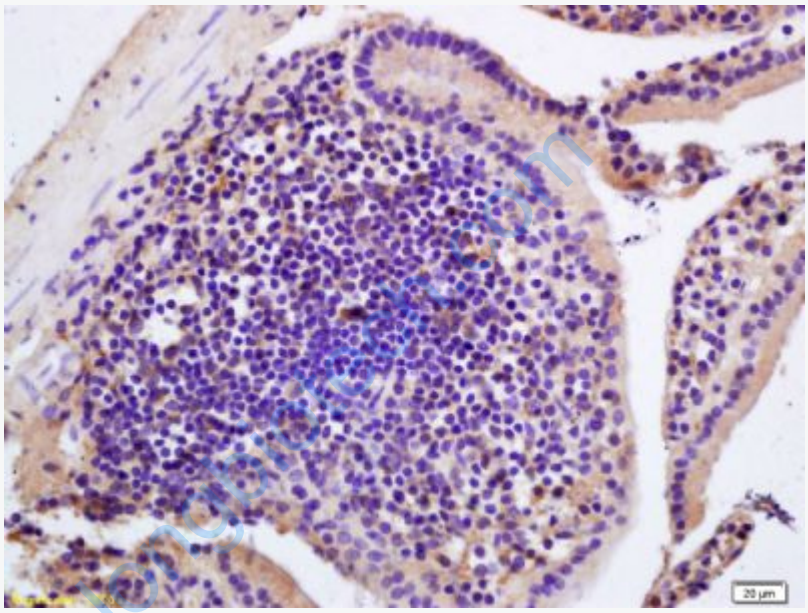
Unigene: 642693Human

Unigene: 696081Human

Unigene: 708040Human

Unigene: 466766Mouse

Unigene: 204016Rat

	Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. CIDEB是在Apoptosis的过程中诱导分泌的一种蛋白，在棕色脂肪组织，肝脏和肾脏中发现有高水平的DFF45-like effector-- DFF45样效应子b蛋白，简称cideb。CIDEB具有调控脂质代谢的作用。
Picture:	 Tissue/cell: mouse intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-CIDEB Polyclonal Antibody, Unconjugated(SL0716R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining