

Rabbit anti-Mouse CIDE-A Polyclonal Antibody | anti-CIDEA antibody

CIDE-A Antibody

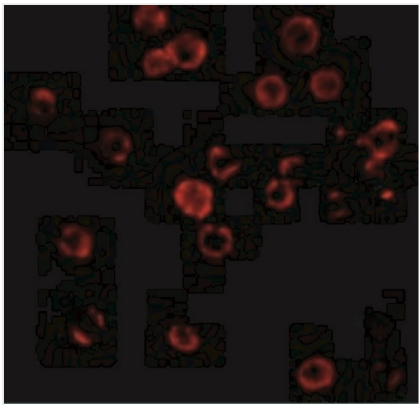
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10924	Rabbit	Mouse	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

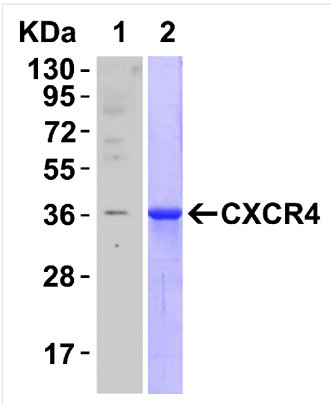
CIDE-A; Polyclonal Antibody; CIDE-A Antibody; Cell death activator CIDE-A; Cell death-inducing DFFA-like effector A; cell death-inducing DFFA-like effector a; anti-CIDEA antibody

PRODUCT SPECIFICATIONS

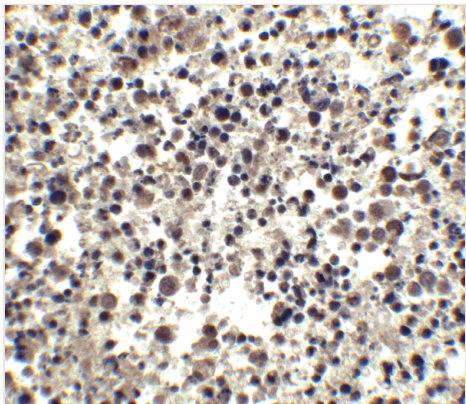
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	It has no cross activity to CIDE-B.
Purity/Purification	CIDE-A Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	660
Applicable Applications for anti-CIDEA antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	CIDE-A antibody can be used for detection of CIDE-A by Western blot at 0.5 mug/mL. Antibody can also be used for immunohistochemistry starting at 5 mug/mL. For immunofluorescence start at 20 mug/mL.
Conjugate	Unconjugated
Immunogen	CIDE-A antibody was raised against an 18 amino acid peptide near the carboxy terminus of human CIDE-A.
Buffer	CIDE-A Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.



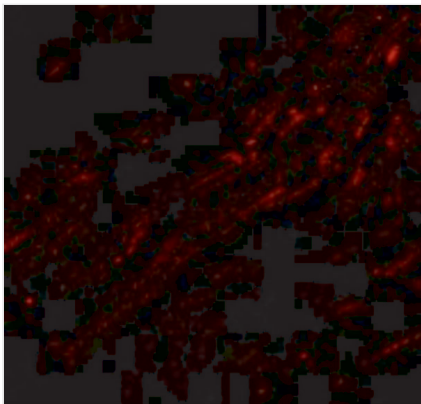
IHC (Immunohistochemistry)
Immunohistochemistry of CIDE-A in human brain tissue with CIDE A antibody at 2.5 ug/mL.



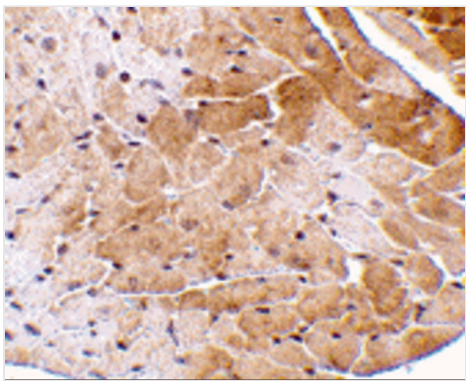
IF (Immunofluorescence)
Immunofluorescence of CIDE-A in human brain tissue with CIDE A antibody at 20 ug/mL. Green: CIDE-A Antibody (2089) Blue: DAPI staining



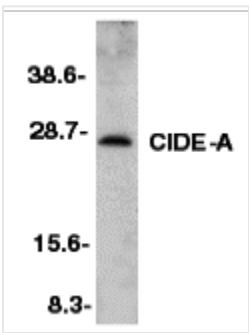
IHC (Immunohistochemistry)
Immunohistochemistry of CIDE-A in human brain tissue with CIDE-A antibody at 2.5 ug/mL.



IF (Immunofluorescence)
Immunofluorescence of CIDE-A in Mouse Heart cells with CIDE-A antibody at 20 ug/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of CIDE-A in mouse heart tissue with CIDE-A antibody at 5 ug/mL.



WB (Western Blot)
Western blot analysis of CIDE-A in mouse heart tissue lysate with CIDE-A antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CIDEA antibody	CIDE-A Antibody: 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. 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.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	3114595
NCBI GeneID	1149
UniProt Accession #	O60543; Q6UPR7; B0YIY7
Molecular Weight	25 kDa
NCBI Official Full Name	Homo sapiens cell death activator CIDE-A (CIDE-A) mRNA, complete cds
NCBI Official Synonym Full Names	cell death-inducing DFFA-like effector a
NCBI Official Symbol	CIDEA
NCBI Official Synonym Symbols	CIDE-A
NCBI Protein Information	cell death activator CIDE-A
UniProt Protein Name	Cell death activator CIDE-A
UniProt Gene Name	CIDEA
UniProt Entry Name	CIDEA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.