

Rabbit CIDEA Polyclonal Antibody | anti-CIDEA antibody

CIDEA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327778	Rabbit	Human, Rat, Monkey	ELISA, Immunohistochemistry, Western Blot

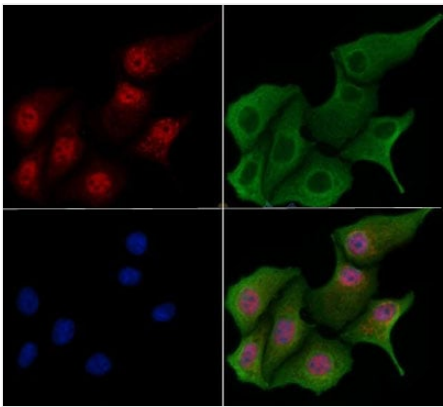
PRODUCT SYNONYMS

CIDEA; Polyclonal Antibody; CIDEA Antibody; Cell death activator CIDE A; Cell Death Inducing DFFA Like Effector A; cell death inducing DNA fragmentation factor; alpha subunit like effector A; CIDE-A; anti-CIDEA antibody

PRODUCT SPECIFICATIONS

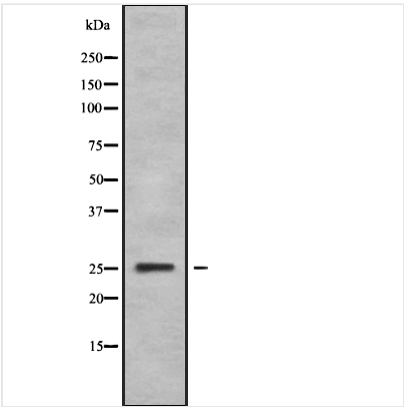
Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	CIDEA antibody detects endogenous levels of total CIDEA
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	219
Applicable Applications for anti-CIDEA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CIDEA corresponding to a region within the the N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



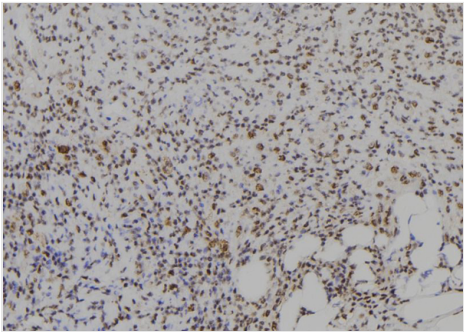
IF (Immunofluorescence)

Staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA327778) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)

Western blot analysis of CIDEA using COS7 whole cell lysates



IHC (Immunohistochemistry)

AAA327778 at 1/100 staining Human spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CIDEA antibody	Function: Acts as a CEBPB coactivator in mammary epithelial cells to control the expression of a subset of CEBPB downstream target genes, including ID2, IGF1, PRLR, SOCS1, SOCS3, XDH, but not casein. By interacting with CEBPB, strengthens the association of CEBPB with the XDH promoter, increases histone acetylation and dissociates HDAC1 from the promoter (By similarity). Binds to lipid droplets and regulates their enlargement, thereby restricting lipolysis and favoring storage. At focal contact sites between lipid droplets, promotes directional net neutral lipid transfer from the smaller to larger lipid droplets. The transfer direction may be driven by the internal pressure difference between the contacting lipid droplet pair and occurs at a lower rate than that promoted by CIDEC.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557465
NCBI GeneID	1149
NCBI Accession #	NP_001270.1
NCBI GenBank Nucleotide #	NM_001279.3
UniProt Accession #	O60543; Q6UPR7; B0YIY7
Molecular Weight	25 kDa

NCBI Official Full Name	cell death activator CIDE-A isoform 1
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cidea-antibody-immunohistochemistry-western-blot-elisa/327778>