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# Datasheet for ABIN872596 anti-CIDEC antibody (AA 101-200)

3 Images



### Overview

Quantity:	100 µL
Target:	CIDEC
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIDEC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

# Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CIDEC
lsotype:	lgG
Specificity:	Due to the similarity of this protein with CIDEA in Mouse and Rat, there is a chance that this antibody will react with this protein in those two species based on homology.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Pig
Purification:	Purified by Protein A.

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Target Details	
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Target:	CIDEC
Alternative Name:	CIDEC (CIDEC Products)
Background:	Synonyms: CIDE3, FPLD5, FSP27, CIDE-3, Cell death activator CIDE-3, Cell death-inducing DFFA-
	like effector protein C, Fat-specific protein FSP27 homolog, CIDEC
	Background: 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. Its role in
	neutral lipid transfer and lipid droplet enlargement is activated by the interaction with PLIN1.
	May act as a CEBPB coactivator in the white adipose tissue to control the expression of a
	subset of CEBPB downstream target genes, including SOCS1, SOCS3, TGFB1, TGFBR1, ID2 and
	XDH. When overexpressed in preadipocytes, induces apoptosis or increases cell susceptibility
	to apoptosis induced by serum deprivation or TGFB treatment. As mature adipocytes, that
	express high CIDEC levels, are quite resistant to apoptotic stimuli, the physiological significance
	of its role in apoptosis is unclear. May play a role in the modulation of the response to osmotic
	stress by preventing NFAT5 to translocate into the nucleus and activate its target genes
	expression.
Gene ID:	63924
UniProt:	Q96AQ7

# Application Details

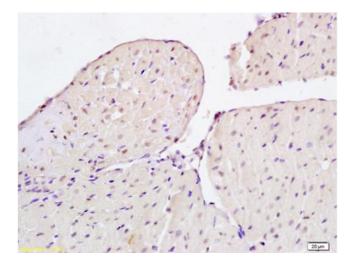
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL

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# Handling

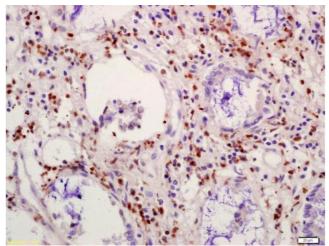
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Images



#### Immunohistochemistry

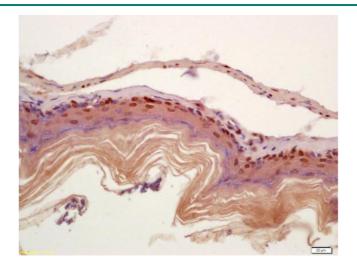
**Image 1.** Formalin-fixed and paraffin embedded rat heart tissue labeled with Anti-CIDEC Polyclonal Antibody, Unconjugated (ABIN872596) at 1:200 followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-NFAT4 Polyclonal Antibody, Unconjugated (ABIN872596) at 1:200 followed by conjugation to the secondary antibody and DAB staining

## Images



#### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin embedded mouse stomach wall labeled with Anti-CIDEC Polyclonal Antibody, Unconjugated (ABIN872596) at 1:200 followed by conjugation to the secondary antibody and DAB staining

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