

Datasheet for ABIN7147272
anti-CIDEc antibody (AA 1-238)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	CIDEc
Binding Specificity:	AA 1-238
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIDEc antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Cell death activator CIDE-3 protein (1-238AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CIDEc
Alternative Name:	CIDEc (CIDEc Products)
Background:	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

Target Details

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, TGFB1, 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.

Aliases: Cell death activator antibody, Cell death activator CIDE-3 antibody, Cell death inducing DFFA like effector C antibody, Cell death inducing DFFA like effector protein C antibody, Cell death-inducing DFFA-like effector protein C antibody, CIDE 3 antibody, CIDE C antibody, CIDE3 antibody, CIDEC antibody, CIDEC_HUMAN antibody, Fat specific protein 27 antibody, Fat-specific protein FSP27 homolog antibody, FLJ20871 antibody, FPLD5 antibody, FSP27 antibody

UniProt: [Q96AQ7](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

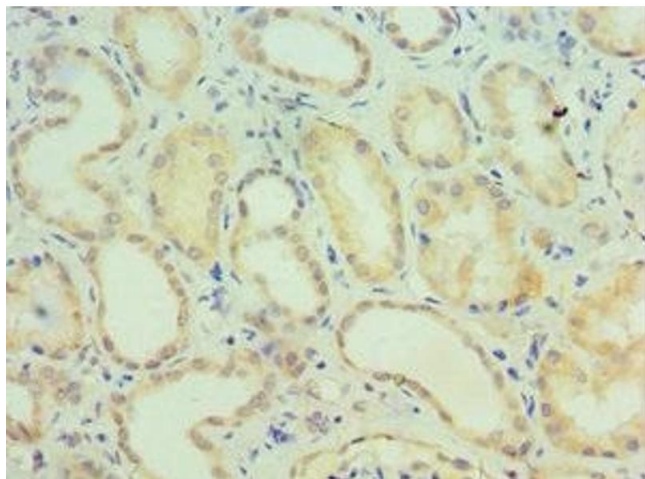
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

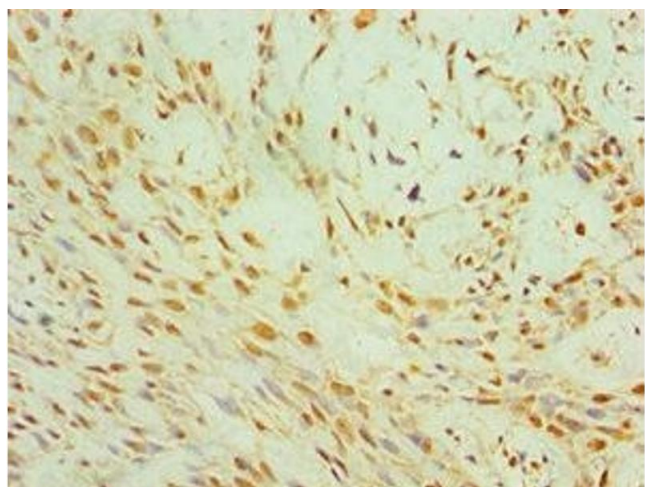
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7147272 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7147272 at dilution of 1:100