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## Datasheet for ABIN657978 anti-CIDEA antibody (C-Term)

Image



#### Overview

Quantity:	400 µL
Target:	CIDEA
Binding Specificity:	AA 181-209, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This CIDEA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 181-209 amino acids from the C-terminal region of human CIDEA.
Clone:	RB34139
lsotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	CIDEA
Alternative Name:	CIDEA (CIDEA Products)
Background:	This gene encodes the homolog of the mouse protein Cidea that has been shown to activate apoptosis. This activation of apoptosis is inhibited by the DNA fragmentation factor DFF45 but not by caspase inhibitors. Mice that lack functional Cidea have higher metabolic rates, higher

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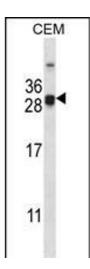
	lipolysis in brown adipose tissue and higher core body temperatures when subjected to cold.
	These mice are also resistant to diet-induced obesity and diabetes. This suggests that in mice
	this gene product plays a role in thermogenesis and lipolysis. Alternatively spliced transcripts
	have been identified.
Molecular Weight:	24687
Gene ID:	1149
NCBI Accession:	NP_001270
UniProt:	060543

#### Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	CIDEA Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** CIDEA Antibody (C-term) (ABIN657978 and ABIN2846924) western blot analysis in CEM cell line lysates ( $35 \mu g$ /lane). This demonstrates the CIDEA antibody detected the CIDEA protein (arrow).

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