

Datasheet for ABIN6138621
anti-CIDEA antibody (AA 20-219)



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Overview

Quantity:	100 µL
Target:	CIDEA
Binding Specificity:	AA 20-219
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CIDEA antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-219 of human CIDEA (NP_001270.1).
Sequence:	SQTKRVLFTP LMHPARPFVR SNHDRSSRRG VMASSLQELI SKTLDALVIA TGLVTLVLEE DGTVDTEEF FQTLGDNTHF MILEKGQKWM PGSQHVPTCS PPKRSGIARV TFDLYRLNPK DFIGCLNVKA TMYEMYSVSY DIRCTGLKGL LRSLLRFLSY SAQVTGQFLI YLGTMYMLRVL DDKEERPSLR SQAAGRFTCG
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	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 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.,CIDEA,CIDE-A,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Endocrine & Metabolism,Cardiovascular,Heart,Lipids,Fatty Acids,CIDEA
Molecular Weight:	24 kDa
Gene ID:	1149
UniProt:	O60543

Application Details

Application Notes:	IF,1:50 - 1:100
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.