

Rabbit anti-Human CCDC109B Polyclonal Antibody | anti-CCDC109B antibody

CCDC109B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118917	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

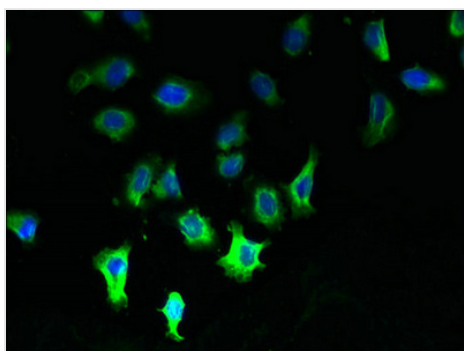
PRODUCT SYNONYMS

CCDC109B; Polyclonal Antibody; CCDC109B Antibody; Calcium uniporter regulatory subunit MCUB; mitochondrial; MCUB; MCUB; Coiled-coil domain-containing protein 109B; anti-CCDC109B antibody

PRODUCT SPECIFICATIONS

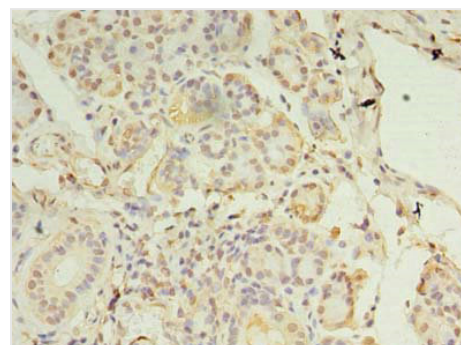
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Sequence Length	336
Applicable Applications for anti-CCDC109B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Calcium uniporter regulatory subunit MCUB, mitochondrial protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-163982
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA118917 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA118917 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-CCDC109B antibody	Negatively regulates the activity of MCU, the mitochondrial inner membrane calcium uniporter, and thereby modulates calcium uptake into the mitochondrion. Does not form functional calcium channels by itself. Mitochondrial calcium homeostasis plays key roles in cellular physiology and regulates cell bioenergetics, cytoplasmic calcium signals and activation of cell death pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194018570
NCBI GeneID	55013
NCBI Accession #	NP_060388.2
NCBI GenBank Nucleotide #	NM_017918.4
UniProt Accession #	Q9NWR8; Q6IAC1; A8K4Y3
Molecular Weight	39,082 Da
NCBI Official Full Name	calcium uniporter regulatory subunit MCUb, mitochondrial
NCBI Official Synonym Full Names	coiled-coil domain containing 109B
NCBI Official Symbol	CCDC109B
NCBI Official Synonym Symbols	MCUb
NCBI Protein Information	calcium uniporter regulatory subunit MCUb, mitochondrial
UniProt Protein Name	Calcium uniporter regulatory subunit MCUb, mitochondrial
UniProt Gene Name	CCDC109B
UniProt Synonym Gene Names	MCUB; MCUb
UniProt Entry Name	MCUB_HUMAN

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://www.aaabiotech.com/polyclonal/ccdc109b-antibody-immunofluorescence-immunohistochemistry-elisa/118917>