

CCDC90A Rabbit pAb

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Catalog # AP58552

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96AQ8
Predicted	Rat, Dog, Human, Mouse, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39694
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CCDC90A
Epitope Specificity	261-359/359
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion. Membrane; Single-pass membrane protein (Potential).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	63933
Other Names	Mitochondrial calcium uniporter regulator 1, MCU regulator 1, Coiled-coil domain-containing protein 90A, mitochondrial, MCUR1 {ECO:0000303 PubMed:23178883}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MCUR1 {ECO:0000303 PubMed:23178883}
Function	Key regulator of mitochondrial calcium uniporter (MCU) required for calcium entry into mitochondrion (PubMed: 23178883 , PubMed: 26445506 , PubMed: 26976564 , PubMed: 27184846). Plays a direct role in uniporter-mediated calcium uptake via a direct interaction with MCU (PubMed: 23178883). Probably involved in the assembly of the membrane components of the uniporter complex (uniplex) (PubMed: 27184846).

Cellular Location Mitochondrion inner membrane; Multi-pass membrane protein

Tissue Location Ubiquitously expressed.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.