

SLC25A42 Rabbit pAb

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Catalog # AP57942

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q86VD7
Predicted	Rat, Dog, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35409
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SLC25A42
Epitope Specificity	151-250/318
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Mitochondrion inner membrane; Multi-pass membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a solute carrier family 25 protein. Solute carrier family 25 proteins are localized to mitochondria and play critical roles in the transport of molecules across the inner mitochondrial membrane. The encoded protein is a mitochondrial transporter for coenzyme A (CoA) and adenosine 3',5'-diphosphate. [provided by RefSeq, Feb 2012]

Additional Information

Gene ID	284439
Other Names	Mitochondrial coenzyme A transporter SLC25A42, Solute carrier family 25 member 42 {ECO:0000312 HGNC:HGNC:28380}, SLC25A42 (HGNC:28380)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
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	SLC25A42 (HGNC:28380)
Function	Mitochondrial carrier mediating the transport of coenzyme A (CoA) in

mitochondria in exchange for intramitochondrial (deoxy)adenine nucleotides and adenosine 3',5'-diphosphate.

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

Background

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