

slc25a48 Rabbit pAb

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Catalog # AP57039

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q6ZT89
Predicted	Rat, Dog, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33440
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human slc25a48
Epitope Specificity	101-200/311
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 inner membrane.
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	153328
Other Names	Solute carrier family 25 member 48, SLC25A48
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	SLC25A48
Function	Mitochondrial transporter that mediates choline import across the inner mitochondrial membrane, thereby regulating mitochondrial choline levels and downstream metabolism, including betaine and purine nucleotide synthesis (PubMed: 39111307 , PubMed: 38977856 , PubMed: 39084256). Plays a key role in mitochondrial respiration, brown fat thermogenesis, and the maintenance of mitochondrial membrane integrity (By similarity).

Cellular Location

Mitochondrion membrane; Multi-pass membrane protein. 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'.