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SLC25A2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57932

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BXI2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32580

Additional Information

Gene ID	83884
Other Names	Mitochondrial ornithine transporter 2, Solute carrier family 25 member 2, SLC25A2, ORNT2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=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	SLC25A2 (HGNC:22921)
Function	Mitochondrial transporter of the positively charged amino acids ornithine, lysine and arginine, and the neutral amino acid citrulline (PubMed:12807890). In addition, transports the basic amino acids histidine, homoarginine, and asymmetric dimethylarginine (aDMA), but not symmetric DMA, and the D-forms of lysine, arginine, ornithine and histidine (PubMed:12807890, PubMed:26403849). Functions by both counter-exchange and uniport mechanisms (PubMed:26403849).
Cellular Location	Mitochondrion membrane; Multi-pass membrane protein. Mitochondrion inner membrane; Multi-pass membrane protein
Tissue Location	Expressed in liver, testis, spleen, lung, pancreas, and small intestine and expressed poorly in other tissues

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