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SLC25A22 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57933

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9H936
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34470

Additional Information

Gene ID	79751
Other Names	Mitochondrial glutamate carrier 1, GC-1, Glutamate/H(+) symporter 1, Solute carrier family 25 member 22, SLC25A22, GC1
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	SLC25A22 (HGNC:19954)
Synonyms	GC1
Function	Mitochondrial glutamate/H(+) symporter. Responsible for the transport of glutamate from the cytosol into the mitochondrial matrix with the concomitant import of a proton (PubMed:11897791). Plays a role in the control of glucose-stimulated insulin secretion (By similarity).
Cellular Location	Mitochondrion inner membrane {ECO:0000250|UniProtKB:A0A0G2K5L2}; Multi-pass membrane protein
Tissue Location	Expressed at high levels in brain, liver, and pancreas.

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