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SLC25A22 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12367

Product Information

Application	WB
Primary Accession	Q9H936
Other Accession	NM_024698, NP_078974
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34470

Additional Information

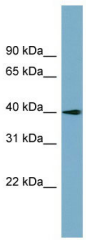
Gene ID	79751
Alias Symbol	FLJ13044, GC1, EIEE3, NET44
Other Names	Mitochondrial glutamate carrier 1, GC-1, Glutamate/H(+) symporter 1, Solute carrier family 25 member 22, SLC25A22, GC1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SLC25A22 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SLC25A22 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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.

Images



WB Suggested Anti-SLC25A22 Antibody Titration: 0.2-1 µg/ml
Positive Control: Human kidney

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