

SLC25A22 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57933**Specification****SLC25A22 Polyclonal Antibody - Product Information**

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

SLC25A22 Polyclonal Antibody - 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 ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

SLC25A22 Polyclonal Antibody - 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](http://www.uniprot.org/citations/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.

SLC25A22 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC25A22 Polyclonal Antibody - Images