

# SLC25A22 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57933

## Product Information

<b>Application</b>	IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q9H936</a>
<b>Reactivity</b>	Rat, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	34470

## Additional Information

<b>Gene ID</b>	79751
<b>Other Names</b>	Mitochondrial glutamate carrier 1, GC-1, Glutamate/H(+) symporter 1, Solute carrier family 25 member 22, SLC25A22, GC1
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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

<b>Name</b>	SLC25A22 ( <a href="#">HGNC:19954</a> )
<b>Synonyms</b>	GC1
<b>Function</b>	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: <a href="#">11897791</a> ). Plays a role in the control of glucose-stimulated insulin secretion (By similarity).
<b>Cellular Location</b>	Mitochondrion inner membrane {ECO:0000250 UniProtKB:A0A0G2K5L2}; Multi-pass membrane protein
<b>Tissue Location</b>	Expressed at high levels in brain, liver, and pancreas.