

SLC25A39 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57940**Specification****SLC25A39 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	O9BZJ4
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39249

SLC25A39 Polyclonal Antibody - Additional Information**Gene ID** 51629**Other Names**

Solute carrier family 25 member 39, SLC25A39

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ 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.

SLC25A39 Polyclonal Antibody - Protein Information**Name** SLC25A39 {ECO:0000303|PubMed:34707288, ECO:0000312|HGNC:HGNC:24279}**Function**

Mitochondrial transporter required for glutathione import into mitochondria (PubMed: [34707288](http://www.uniprot.org/citations/34707288), PubMed: [35513392](http://www.uniprot.org/citations/35513392), PubMed: [37917749](http://www.uniprot.org/citations/37917749), PubMed: [38157846](http://www.uniprot.org/citations/38157846)). Glutathione, which plays key roles in oxidative metabolism, is produced exclusively in the cytosol and is imported in many organelles (PubMed: [34707288](http://www.uniprot.org/citations/34707288)). Mitochondrial glutathione is required for the activity and stability of proteins containing iron- sulfur clusters, as well as erythropoiesis (PubMed: [34707288](http://www.uniprot.org/citations/34707288)).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

Tissue Location

Expressed in many tissues (PubMed:11139402). Abundant in testis and kidney (PubMed:11139402)

SLC25A39 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](#)

SLC25A39 Polyclonal Antibody - Images