

SLC25A13 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58119

Specification

SLC25A13 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O9UJS0
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74176

SLC25A13 Polyclonal Antibody - Additional Information

Gene ID 10165

Other Names

Calcium-binding mitochondrial carrier protein Aralar2, Citrin, Mitochondrial aspartate glutamate carrier 2, Solute carrier family 25 member 13, SLC25A13, ARALAR2

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.

SLC25A13 Polyclonal Antibody - Protein Information

Name SLC25A13 ([HGNC:10983](#))

Function

Mitochondrial electrogenic aspartate/glutamate antiporter that favors efflux of aspartate and entry of glutamate and proton within the mitochondria as part of the malate-aspartate shuttle (PubMed:11566871). Also mediates the uptake of L-cysteinesulfinat by mitochondria in exchange of L-glutamate and proton. Can also exchange L-cysteinesulfinat with aspartate in their anionic form without any proton translocation (PubMed:11566871).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

Tissue Location

High levels in liver and low levels in kidney, pancreas, placenta, heart and brain.

SLC25A13 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](#)

SLC25A13 Polyclonal Antibody - Images