10320 Camino Santa Fe, Suite G
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SLC25A30 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57935

Specification

SLC25A30 Polyclonal Antibody - Product Information

Application	**WB, IHC-P, IHC-F, IF, ICC**
Primary Accession	Q5SVS4
Reactivity	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**32475**

SLC25A30 Polyclonal Antibody - Additional Information

Gene ID 253512

Other Names
Kidney mitochondrial carrier protein 1, Solute carrier family 25 member 30, SLC25A30, KMCP1

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

Storage
Store at -20 ℃ 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 ℃.

SLC25A30 Polyclonal Antibody - Protein Information

Name SLC25A30 (HGNC:27371)

Function
Antiporter that transports inorganic anions (sulfate, sulfite, thiosulfate and phosphate) and, to a lesser extent, a variety of dicarboxylates (e.g. malonate, malate and citramalate) and, even more so, aspartate (PubMed:31356773). The sulfate/sulfate exchange is much higher than the phosphate/phosphate and malate/malate exchanges (PubMed:31356773). The transport affinities is higher for sulfate and thiosulfate than for any other substrate (PubMed:31356773). May catalyze the export of sulfite and thiosulfate (the hydrogen sulfide degradation products) from the mitochondria, thereby modulating the level of the hydrogen sulfide (Probable). Also may mediate a very low unidirectional transport of sulfate, phosphate and (S)-malate (PubMed:31356773).

Cellular Location
Mitochondrion inner membrane {ECO:0000250|UniProtKB:Q9CR58}; Multi-pass membrane protein

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SLC25A30 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 Cytomety
- Cell Culture

SLC25A30 Polyclonal Antibody - Images