

SLC25A2 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15261**Specification**

SLC25A2 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9BXI2
Other Accession	NM_031947 , NP_114153
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32kDa KDa

SLC25A2 Antibody - C-terminal region - Additional Information**Gene ID** 83884**Alias Symbol** **MGC119151, MGC119153, ORC2, ORNT2**
Other Names
Mitochondrial ornithine transporter 2, Solute carrier family 25 member 2, SLC25A2, ORNT2**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SLC25A2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SLC25A2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC25A2 Antibody - C-terminal region - Protein Information**Name** SLC25A2 ([HGNC:22921](#))**Function**

Mitochondrial transporter of the positively charged amino acids ornithine, lysine and arginine, and the neutral amino acid citrulline (PubMed:12807890). In addition, transports the basic amino acids histidine, homoarginine, and asymmetric dimethylarginine (aDMA), but not symmetric DMA, and the D-forms of lysine, arginine, ornithine and histidine (PubMed:26403849, PubMed:12807890). Functions by

both counter-exchange and uniport mechanisms (PubMed:26403849).

Cellular Location

Mitochondrion membrane; Multi-pass membrane protein. Mitochondrion inner membrane; Multi-pass membrane protein

Tissue Location

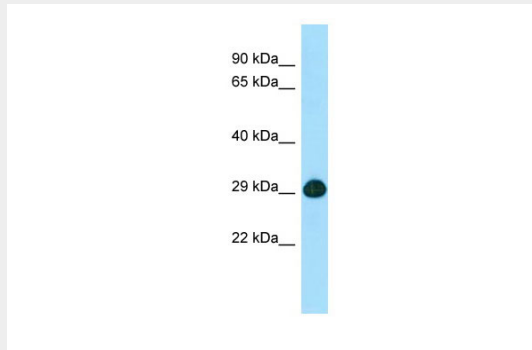
Expressed in liver, testis, spleen, lung, pancreas, and small intestine and expressed poorly in other tissues

SLC25A2 Antibody - C-terminal region - 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](#)

SLC25A2 Antibody - C-terminal region - Images



WB Suggested Anti-SLC25A2 Antibody Titration: 1.0 µg/ml

Positive Control: Fetal Heart

SLC25A2 Antibody - C-terminal region - References

Wu Q.,et al.Genome Res. 11:389-404(2001).
Camacho J.A. III,et al.Mol. Genet. Metab. 79:257-271(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases.