

## SLC25A1 antibody - middle region

Rabbit Polyclonal Antibody Catalog # Al12349

## **Specification**

## SLC25A1 antibody - middle region - Product Information

Application WB
Primary Accession P32089

Other Accession NM 005984, NP 005975

Reactivity Human, Mouse, Rat, Rabbit, Zebrafish, Pig,

Horse, Yeast, Bovine, Guinea Pig, Dog Human, Mouse, Rabbit, Zebrafish, Pig,

Chicken, Guinea Pig, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 34kDa KDa

# SLC25A1 antibody - middle region - Additional Information

**Gene ID 29743** 

Predicted

Alias Symbol CTP, SLC20A3, SEA

**Other Names** 

Tricarboxylate transport protein, mitochondrial, Citrate transport protein, CTP, Solute carrier family 25 member 1, Tricarboxylate carrier protein, Slc25a1, Slc20a3

#### **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-SLC25A1 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**

SLC25A1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

#### SLC25A1 antibody - middle region - Protein Information

Name Slc25a1

Synonyms Slc20a3

#### **Function**

Mitochondrial electroneutral antiporter that exports citrate from the mitochondria into the cytosol in exchange for malate. Also able to mediate the exchange of citrate for isocitrate, phosphoenolpyruvate, cis-aconitate and to a lesser extend cis- aconitate, maleate and succinate (PubMed:<a href="http://www.uniprot.org/citations/2804096" target="\_blank">2804096</a>). In



the cytoplasm citrate is important in the regulation of glycolysis through a feedback mechanism and in the production of acetyl-CoA which is needed for the synthesis of fatty acids, sterols, prostaglandins, dolichol and coenzyme Q (CoQ). Required for proper neuromuscular junction formation (By similarity).

#### **Cellular Location**

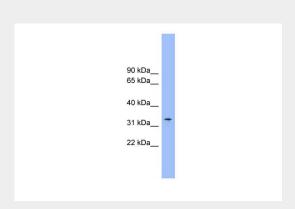
Mitochondrion inner membrane; Multi-pass membrane protein

### SLC25A1 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# SLC25A1 antibody - middle region - Images



WB Suggested Anti-SLC25A1 Antibody Titration: 0.2-1 µg/ml

Positive Control: Human Stomach