

SLC25A1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12349

Product Information

Application	WB
Primary Accession	P32089
Other Accession	NM_005984 , NP_005975
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted Host	Human, Mouse, Rabbit, Zebrafish, Pig, Chicken, Dog, Guinea Pig
Clonality	Rabbit
Calculated MW	Polyclonal 33835

Additional Information

Gene ID	29743
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.

Protein Information

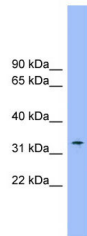
Name	Slc25a1
Synonyms	Slc20a3
Function	Mitochondrial electroneutral antiporter that exports citrate from the mitochondria into the cytosol in exchange for malate. Also able to mediate the exchange of citrate for isocitrate, phosphoenolpyruvate, cis-aconitate and to a lesser extent trans- aconitate, maleate and succinate (PubMed: 2804096). Substrate exchange across the membrane occurs consecutively with one substrate being transported first, then dissociating from the substrate binding

site before the second substrate binds for transport in the opposite direction (By similarity). In the cytoplasm, citrate plays important roles in fatty acid and sterol synthesis, regulation of glycolysis, protein acetylation, and other physiopathological processes (By similarity).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

Images



WB Suggested Anti-SLC25A1 Antibody Titration: 0.2-1
µg/ml
Positive Control: Human Stomach

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.