

SLC25A20 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12317**Specification****SLC25A20 antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	P97521
Other Accession	NM_000387 , NP_000378
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Sheep, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa kDa

SLC25A20 antibody - C-terminal region - Additional Information

Alias Symbol **CAC, CACT**

Other Names

Mitochondrial carnitine/acylcarnitine carrier protein, Carnitine/acylcarnitine translocase, CAC, Solute carrier family 25 member 20, Slc25a20, Cact

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-SLC25A20 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

SLC25A20 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC25A20 antibody - C-terminal region - Protein Information

Name Slc25a20 {ECO:0000312|RGD:621443}

Synonyms Cact

Function

Mediates the electroneutral exchange of acylcarnitines (O- acyl-(R)-carnitine or L-acylcarnitine) of different acyl chain lengths (ranging from O-acetyl-(R)-carnitine to long-chain O-acyl-(R)-carnitines) with free carnitine ((R)-carnitine or L-carnitine) across the mitochondrial inner membrane, via a ping-pong mechanism (PubMed:9731180). Key player in the mitochondrial oxidation pathway, it translocates the fatty acids in the form of acylcarnitines

into the mitochondrial matrix, where the carnitine palmitoyltransferase 2 (CPT- 2) activates them to undergo fatty acid beta-oxidation (Probable). Catalyzes the unidirectional transport (uniport) of carnitine at lower rates than the antiport (exchange) (PubMed:8305461).

Cellular Location

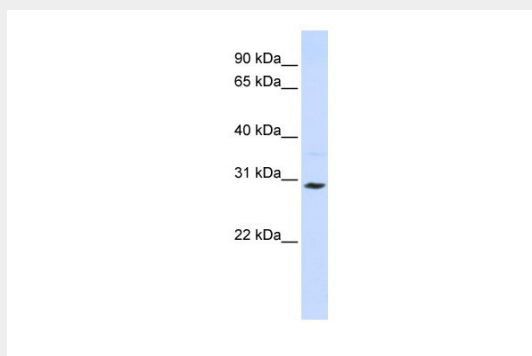
Mitochondrion inner membrane; Multi-pass membrane protein

SLC25A20 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](#)

SLC25A20 antibody - C-terminal region - Images



WB Suggested Anti-SLC25A20 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

SLC25A20 is supported by BioGPS gene expression data to be expressed in Jurkat

SLC25A20 antibody - C-terminal region - References

Pierre,G.,J.Inherit.Metab.Dis.30(5),815(2007)ReconstitutionandStorage:Forshorttermuse,storeat2-8 Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.