

SLC25A10 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58117

Specification

SLC25A10 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF

Primary Accession

Reactivity

Host

Clonality

Calculated MW

Rat, Dog

Rabbit

Polyclonal

31282

SLC25A10 Polyclonal Antibody - Additional Information

Gene ID 1468

Other Names

Mitochondrial dicarboxylate carrier, Solute carrier family 25 member 10, SLC25A10, DIC

Format

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

Storage

Store at -20 °C 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 °C.

SLC25A10 Polyclonal Antibody - Protein Information

Name SLC25A10

Synonyms DIC

Function

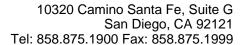
Catalyzes the electroneutral exchange or flux of physiologically important metabolites such as dicarboxylates (malonate, malate, succinate), inorganic sulfur-containing anions, and phosphate, across mitochondrial inner membrane (PubMed:29211846). Plays an important role in gluconeogenesis, fatty acid metabolism, urea synthesis, and sulfur metabolism, particularly in liver, by supplying the substrates for the different metabolic processes. Regulates fatty acid release from adipocytes, and contributes to systemic insulin sensitivity (By similarity).

Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

Tissue Location

Present in high amounts in liver and kidney, and at lower levels in all the other tissues analyzed





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

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

SLC25A10 Polyclonal Antibody - Images

SLC25A10 Polyclonal Antibody - Protocols