

SLC25A13

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 74kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human SLC25A13

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CTLN2; CITRIN; ARALAR2;

Catalog #: A5849

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 10165

Isotype: IgG

Swiss Prot: Q9UJS0

Purity: Affinity purification

For research use only.

Background:

This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene.

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