

## 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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