

SLC31A1 Rabbit pAb

Catalog No.: A10109 **2 Publications**

Basic Information

Observed MW

30kDa

Calculated MW

21kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is a high-affinity copper transporter found in the cell membrane. The encoded protein functions as a homotrimer to effect the uptake of dietary copper.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1317

Swiss Prot

O15431

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-60 of human SLC31A1 (NP_001850.1).

Synonyms

CTR1; NSCT; COPT1; SLC31A1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

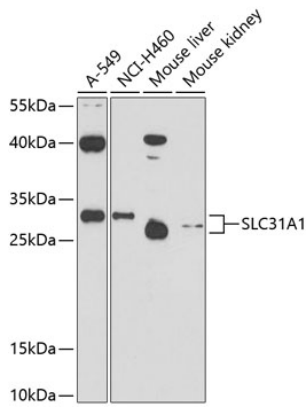
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using SLC31A1 antibody (A10109) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.