

# CTR1/SLC31A1 Rabbit mAb

Catalog No.: A0773 **Recombinant** **6 Publications**

## Basic Information

### Observed MW

32 kDa

### Calculated MW

21kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2537

## 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** 1:1000 - 1:15000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1317

### Swiss Prot

O15431

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

CTR1; NSCT; COPT1; CTR1/SLC31A1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

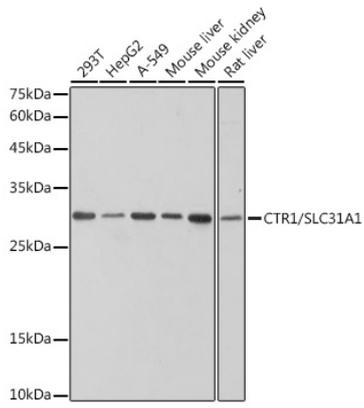
### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using CTR1/SLC31A1 Rabbit mAb (A0773) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated 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: 1s.