# SLC30A1 Rabbit pAb

**Catalog NO.: A9954** **1 Publications**

## Basic Information

### Observed MW
70 kDa

### Calculated MW
55 kDa

### Category
Polyclonal Antibodies

### Applications
WB, IHC-P, ELISA

### Cross-Reactivity
Human, Rat

### Conjugation
Unconjugated

## Background

Predicted to enable calcium channel inhibitor activity and zinc ion transmembrane transporter activity. Predicted to be involved in several processes, including cellular divalent inorganic cation homeostasis; inorganic cation transmembrane transport; and negative regulation of transport. Predicted to act upstream of or within in utero embryonic development. Located in several cellular components, including Golgi apparatus; endoplasmic reticulum; and nuclear membrane.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:1000 - 1:3000 |
| **IHC-P** | 1:50 - 1:200 |

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

## Immunogen Information

### Gene ID
7779

### Swiss Prot
Q9Y6M5

### Immunogen
This information is considered to be commercially sensitive.

### Synonyms
ZNT1; ZRC1; SLC30A1

## Contact

## Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

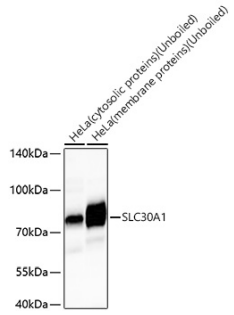
**Source**
Rabbit

**Isotype**
IgG

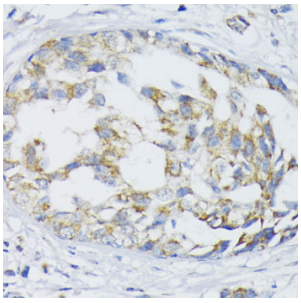
**Purification**
Affinity purification

**Storage**
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

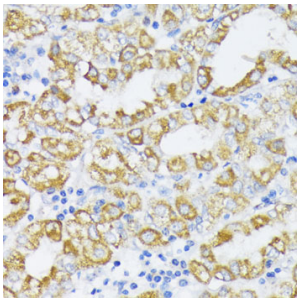
## Validation Data




Western blot analysis of lysates from HeLa cells using SLC30A1 Rabbit pAb (A9954) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.



Immunohistochemistry analysis of paraffin-embedded Human mammary cancer using SLC30A1 Rabbit pAb (A9954) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using SLC30A1 Rabbit pAb (A9954) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

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