

#### **SLC36A1 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57956

### **Specification**

# **SLC36A1** Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F,

IF, ICC

Primary Accession
Reactivity
Rost
Clonality
Calculated MW

O7Z2H8
Rat
Rabbit
Polyclonal
53076

SLC36A1 Polyclonal Antibody - Additional Information

**Gene ID 206358** 

#### **Other Names**

Proton-coupled amino acid transporter 1, Proton/amino acid transporter 1, hPAT1, Solute carrier family 36 member 1, SLC36A1, PAT1

#### **Format**

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

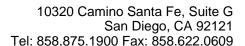
SLC36A1 Polyclonal Antibody - Protein Information

Name SLC36A1

Synonyms PAT1

#### **Function**

Neutral amino acid/proton symporter. Has a pH-dependent electrogenic transport activity for small amino acids such as glycine, alanine and proline. Besides small apolar L-amino acids, it also recognizes





their D-enantiomers and selected amino acid derivatives such as gamma-aminobutyric acid (By similarity).

#### **Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:Q924A5}; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. Note=In neurons, colocalizes with the exocyst complex in the axonal processes {ECO:0000250|UniProtKB:Q924A5}

## **SLC36A1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture