

**SLC36A1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57956****Specification**

---

**SLC36A1 Polyclonal Antibody - Product Information**

Application	<b>WB, IHC-P, IHC-F, IF, ICC</b>
Primary Accession	<a href="#">Q7Z2H8</a>
Reactivity	<b>Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>53076</b>

**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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)