

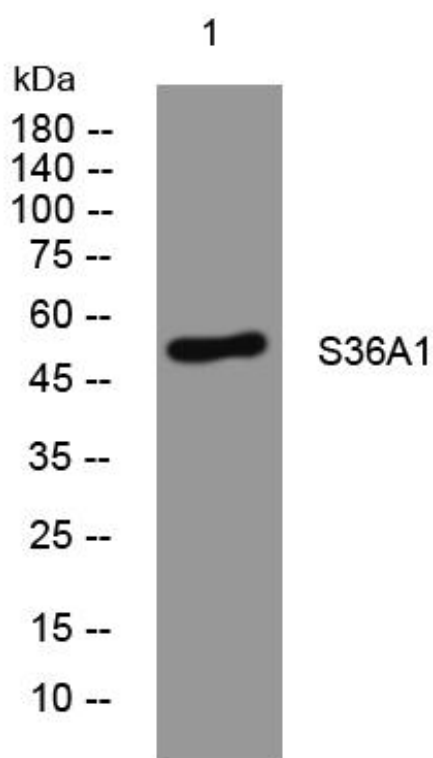


## S36A1 mouse mAb

|                                  |                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-09021                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                 | SLC36A1 PAT1                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Name</b>              | S36A1                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>                 | Synthesized peptide derived from human S36A1 AA range: 176-226                                                                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>               | This antibody detects endogenous levels of S36A1 at Human/Mouse/Rat                                                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                              |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>              | Cell membrane ; Multi-pass membrane protein . Lysosome membrane ; Multi-pass membrane protein . In neurons, colocalizes with the exocyst complex in the axonal processes. .                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>        |                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                  | 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 recognize their D-enantiomers and selected amino acid derivatives such as gamma-aminobutyric acid.,similarity:Belongs to the amino acid/polyamine transporter 2 family., |
| <b>Background</b>                | This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAP) 1 transporter family. The encoded protein functions as a proton-dependent, small amino acid transporter. This gene is clustered with related family members on chromosome 5q33.1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015],              |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                              |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using S36A1 mouse mAb