





## S36A1 mouse mAb

| Catalog No         YP-mAb-09021           Isotype         IgG           Reactivity         Human; Mouse;Rat           Applications         WB           Gene Name         SLC36A1 PAT1           Protein Name         S36A1           Immunogen         Synthesized peptide derived from human S36A1 AA range: 176-226           Specificity         This antibody detects endogenous levels of S36A1 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band           Cell Pathway         Cell membrane; Multi-pass membrane protein . In neurons, colocalizes with the exocyst complex in the axonal processes.           Tissue Specificity         Function         function:Neutral amino acid/proton symporter. Has a pH-dependent electrogenic transport activity for small amino acids such as glycine, alarine and proline.           Besides small apola 1amino acid, is latos recognite their D-enantiomers and selected amino acid deriv   |                    |   |
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| Applications WB  Gene Name SLC36A1 PAT1  Protein Name S36A1  Immunogen Synthesized peptide derived from human S36A1 AA range: 176-226  Specificity This antibody detects endogenous levels of S36A1 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein . Lysosome membrane; Multi-pass membrane protein . In neurons, colocalizes with the exocyst complex in the axonal processes.  Tissue Specificity  Function 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 2 family.  Background This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAAP) 1 transporter family. The encoded protein functions as a proton-dependent, small amino acid fransporter. This gene is clustered with related family members on chromosome 5q33.1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015],  | Isotype            | IgG   |
| Gene Name SLC36A1 PAT1  Protein Name S36A1  Immunogen Synthesized peptide derived from human S36A1 AA range: 176-226  Specificity This antibody detects endogenous levels of S36A1 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, lgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell Pathway Cell membrane; Multi-pass membrane protein . Lysosome membrane; Multi-pass membrane protein . In neurons, colocalizes with the exocyst complex in the axonal processes.  Tissue Specificity  Function 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 transporte 2 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],  | Reactivity         | Human; Mouse;Rat  |
| Immunogen   Synthesized peptide derived from human S36A1 AA range: 176-226  | Applications       | WB  |
| Immunogen         Synthesized peptide derived from human S36A1 AA range: 176-226           Specificity         This antibody detects endogenous levels of S36A1 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Cell membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. In neurons, colocalizes with the exocyst complex in the axonal processes.           Tissue Specificity         Function           Function         function:Neutral amino acid/proton symporter. Has a pH-dependent electrogenic transport activity for small 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.           Background         This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAAP) 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], | Gene Name          | SLC36A1 PAT1  |
| Specificity This antibody detects endogenous levels of S36A1 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000 Concentration 1 mg/ml  Purity 290% Storage Stability -20°C/1 year  Synonyms  Observed Band Cell Pathway Cell membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. In neurons, colocalizes with the exocyst complex in the axonal processes.  Tissue Specificity  Function 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 a gamma-aminobutyric acid., similarity: Belongs to the amino acid/polyamine transporter 2 family.,  This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAAP) 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].  | Protein Name       | S36A1   |
| Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-1:2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band  Cell membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. In neurons, colocalizes with the exocyst complex in the axonal processes  Tissue Specificity  Function 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.,  Background This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAAP) 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],   | Immunogen          | Synthesized peptide derived from human S36A1 AA range: 176-226  |
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| Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-1:2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  Cell membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. In neurons, colocalizes with the exocyst complex in the axonal processes  Tissue Specificity  Function  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.  Background  This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAAP) 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].  | Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
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| Function  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.,  Background  This gene encodes a member of the eukaryote-specific amino acid/auxin permease (AAAP) 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],  Matters needing  Avoid repeated freezing and thawing!   | Cell Pathway       | Multi-pass membrane protein . In neurons, colocalizes with the exocyst complex  |
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| permease (AAAP) 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],  matters needing  Avoid repeated freezing and thawing!  | Function           | 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          |
|   | Background         | permease (AAAP) 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 5g33.1. Alternative splicing results in |
|   |                    | Avoid repeated freezing and thawing!  |



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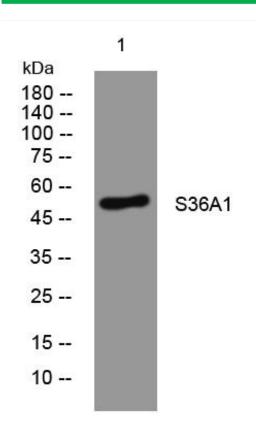




**Usage suggestions** 

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





Western Blot analysis of various cells using S36A1 mouse mAb