

SLC36A2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12383**Specification**

SLC36A2 antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	Q495M3
Other Accession	NM_181776 , NP_861441
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

SLC36A2 antibody - N-terminal region - Additional Information**Gene ID** 153201**Alias Symbol** **FLJ16051, MGC119658, MGC119660, PAT2, TRAMD1****Other Names**

Proton-coupled amino acid transporter 2, Proton/amino acid transporter 2, Solute carrier family 36 member 2, Tramdorin-1, SLC36A2, PAT2, TRAMD1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SLC36A2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SLC36A2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SLC36A2 antibody - N-terminal region - Protein Information**Name** SLC36A2 ([HGNC:18762](#))**Function**

Electrogenic proton/amino acid symporter with a high selectivity for the small side chains amino acids glycine, alanine and proline, where both L- and D-enantiomers are transported. Extension of the backbone length, as in beta-alanine and 4-aminobutanoate or methylation of the amino group, as in sarcosine and N,N- dimethylglycine, are also tolerated but decrease transport efficiency. A free carboxyl group is preferred.

Cellular Location

Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q8BHK3}. Recycling endosome membrane {ECO:0000250|UniProtKB:Q8BHK3}

Tissue Location

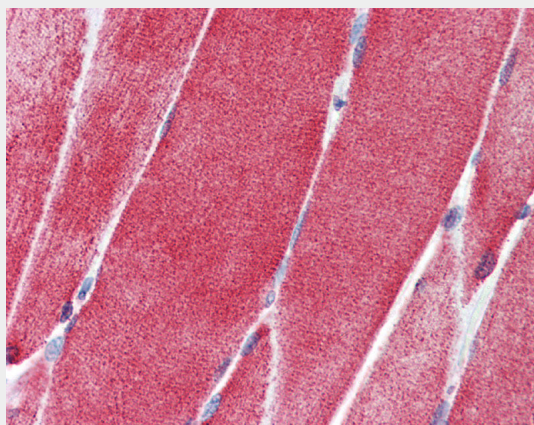
Abundantly expressed in kidney and muscle. Expressed in the S1 segment of the proximal tubule close to the glomerulus.

SLC36A2 antibody - N-terminal region - Protocols

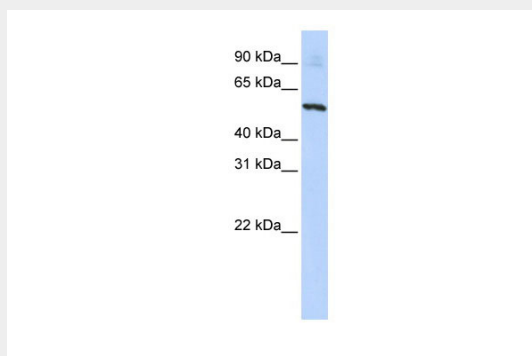
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC36A2 antibody - N-terminal region - Images



Skeletal muscle



WB Suggested Anti-SLC36A2 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

SLC36A2 antibody - N-terminal region - References

Bermingham, J.R. (2004) Mamm. Genome 15(2), 114-125 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.