

SLC36A2 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12383

Product Information

Application	WB, IHC
Primary Accession	Q495M3
Other Accession	NM_181776 , NP_861441
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53216

Additional Information

Gene ID	153201
Alias Symbol Other Names	FLJ16051, MGC119658, MGC119660, PAT2, TRAMD1 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.

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}

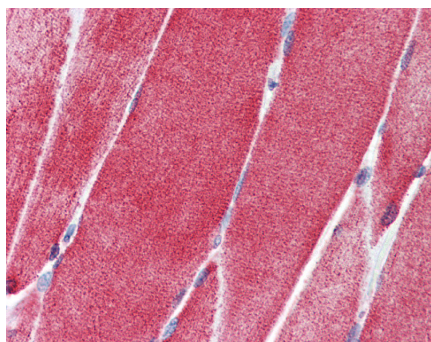
Tissue Location

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

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.

Images



Skeletal muscle



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

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.