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Anti-SLC36A2 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17306

Product Information

Application	WB, IHC-P, E
Primary Accession	Q495M3
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	53216
Concentration (mg/ml)	1 mg/ml

Additional Information

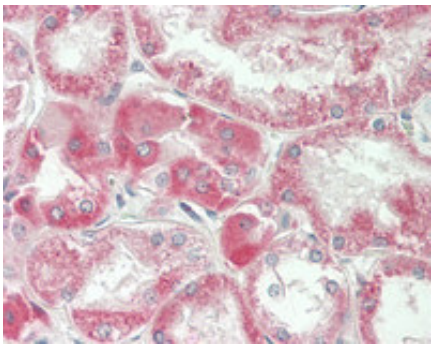
Gene ID	153201
Alias Symbol	SLC36A2
Other Names	SLC36A2, PAT2, Tramdorin-1, TRAMD1, Tramdorin
Target/Specificity	SLC36A2 antibody is human specific. SLC36A2 is predicted to not cross-react with other members of the SLC36 protein family.
Reconstitution & Storage	PBS, 0.02% sodium azide. Store at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze thaw cycles.
Precautions	Anti-SLC36A2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

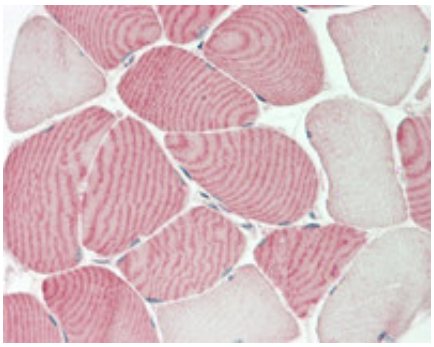
Name	SLC36A2 (HGNC:18762)
Function	Electrogenic proton/amino acid symporter with a high selectivity for the small side chains amino acids glycine, alanine and proline, where both L- and D-enantiomers are transported. Extension of the backbone length, as in beta-alanine and 4-aminobutanoate or methylation 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.

Images



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)

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