

Slc36a4 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12378

Product Information

Application	WB
Primary Accession	Q8CH36
Other Accession	NM_172289 , NP_758493
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55448

Additional Information

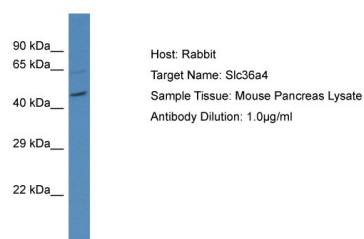
Gene ID	234967
Alias Symbol	6330573I15Rik, PAT4
Other Names	Proton-coupled amino acid transporter 4, Proton/amino acid transporter 4, Solute carrier family 36 member 4, Slc36a4, Pat4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 μ l of distilled water. Final Anti-Slc36a4 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	Slc36a4 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Slc36a4 {ECO:0000312 MGI:MGI:2442595}
Synonyms	Pat4
Function	Uniporter that mediates the transport of neutral amino acids like L-tryptophan, proline and alanine. The transport activity is sodium ions-independent, electroneutral and therefore functions via facilitated diffusion.
Cellular Location	Lysosome membrane; Multi-pass membrane protein
Tissue Location	Highly expressed in hippocampus, hypothalamus and piriform cortex (at

protein level) (PubMed:24530433). Expressed in epithelial cells and both inhibitory and excitatory neurons (PubMed:24530433).

Images



Host: Rabbit
Target Name: Slc36a4
Sample Tissue: Mouse Pancreas lysates
Antibody Dilution: 1.0µg/ml

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