

SLC36A4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16610a**Specification**

SLC36A4 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q6YBV0](#)**SLC36A4 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 120103**Other Names**

Proton-coupled amino acid transporter 4, Proton/amino acid transporter 4, Solute carrier family 36 member 4, SLC36A4, PAT4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SLC36A4 Antibody (N-term) Blocking Peptide - Protein Information**Name** SLC36A4 ([HGNC:19660](#))**Function**

Uniporter that mediates the transport of neutral amino acids like L-tryptophan, proline and alanine (PubMed:21097500). The transport activity is sodium ions-independent, electroneutral and therefore functions via facilitated diffusion (PubMed:21097500).

Cellular Location

Lysosome membrane {ECO:0000250|UniProtKB:Q8CH36}; Multi-pass membrane protein

Tissue Location

Expressed in retinal pigmented epithelial cells.

SLC36A4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC36A4 Antibody (N-term) Blocking Peptide - Images

SLC36A4 Antibody (N-term) Blocking Peptide - References

Sabatti, C., et al. Nat. Genet. 41(1):35-46(2009)