

SLC41A2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13832a**Specification**

SLC41A2 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q96JW4](#)**SLC41A2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 84102**Other Names**

Solute carrier family 41 member 2, SLC41A2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13832a was selected from the N-term region of SLC41A2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SLC41A2 Antibody (N-term) Blocking peptide - Protein Information**Name** SLC41A2**Function**

Acts as a plasma-membrane magnesium transporter (PubMed:16984228). Can also mediate the transport of other divalent metal cations in an order of Ba(2+) > Ni(2+) > Co(2+) > Fe(2+) > Mn(2+) (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

SLC41A2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SLC41A2 Antibody (N-term) Blocking peptide - Images**SLC41A2 Antibody (N-term) Blocking peptide - Background**

SLC41A2 acts as a plasma-membrane magnesium transporter.

SLC41A2 Antibody (N-term) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Goytain, A., et al. Biochem. Biophys. Res. Commun. 330(3):701-705(2005)Wabakken, T., et al. Biochem. Biophys. Res. Commun. 306(3):718-724(2003)