

SLC24A3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16392a**Specification**

SLC24A3 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9HC58](#)**SLC24A3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 57419**Other Names**

Sodium/potassium/calcium exchanger 3, Na(+)/K(+)/Ca(2+)-exchange protein 3, Solute carrier family 24 member 3, SLC24A3, NCKX3

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.

SLC24A3 Antibody (N-term) Blocking Peptide - Protein Information**Name** SLC24A3**Synonyms** NCKX3 {ECO:0000303|PubMed:26631410}**Function**

Calcium, potassium:sodium antiporter that transports 1 Ca(2+) and 1 K(+) in exchange for 4 Na(+).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Abundant in the brain (PubMed:11294880). Expressed at low levels in the aorta, uterus and intestine (PubMed:11294880)

SLC24A3 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SLC24A3 Antibody (N-term) Blocking Peptide - Images

SLC24A3 Antibody (N-term) Blocking Peptide - Background

Plasma membrane sodium/calcium exchangers are an important component of intracellular calcium homeostasis and electrical conduction. Potassium-dependent sodium/calcium exchangers such as SLC24A3 are believed to transport 1 intracellular calcium and 1 potassium ion in exchange for 4 extracellular sodium ions (Kraev et al., 2001 [PubMed 11294880]).

SLC24A3 Antibody (N-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Cheng, Y.C., et al. Circ Cardiovasc Genet 2(4):329-337(2009) Deloukas, P., et al. Nature 414(6866):865-871(2001) Kraev, A., et al. J. Biol. Chem. 276(25):23161-23172(2001)