

NHEDC1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11182a**Specification**

NHEDC1 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q4ZJI4](#)**NHEDC1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 150159**Other Names**

Sodium/hydrogen exchanger 9B1, Na(+)/H(+) exchanger-like domain-containing protein 1, NHE domain-containing protein 1, Sodium/hydrogen exchanger-like domain-containing protein 1, Solute carrier family 9 subfamily B member 1, SLC9B1, NHEDC1

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.

NHEDC1 Antibody (N-term) Blocking peptide - Protein Information**Name** SLC9B1 ([HGNC:24244](#))**Function**

Sperm-specific Na(+)/H(+) exchanger involved in intracellular pH regulation of spermatozoa. Involved in sperm motility and fertility.

Cellular Location

Cell projection, cilium, flagellum membrane {ECO:0000250|UniProtKB:Q8C0X2}; Multi-pass membrane protein

Tissue Location

Expressed only in the testis.

NHEDC1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NHEDC1 Antibody (N-term) Blocking peptide - Images

NHEDC1 Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene is a sodium/hydrogen exchanger and transmembrane protein. Highly conserved orthologs of this gene have been found in other mammalian species. The expression of this gene may be limited to testis. Multiple transcript variants encoding different isoforms have been found for this gene.

NHEDC1 Antibody (N-term) Blocking peptide - References

Ye, G., et al. Mol. Biol. Rep. 33(3):175-180(2006)