

NHEDC1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11182a**Specification**

NHEDC1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q4ZJI4
Other Accession	NP_001094344.1 , NP_631912.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56054
Antigen Region	26-55

NHEDC1 Antibody (N-term) - 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

Target/Specificity

This NHEDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-55 amino acids from the N-terminal region of human NHEDC1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NHEDC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NHEDC1 Antibody (N-term) - 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

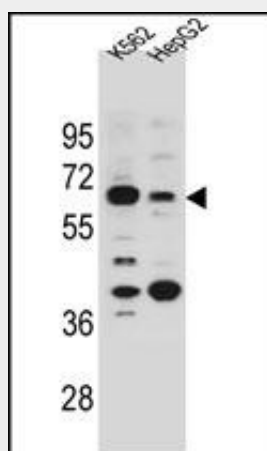
Expressed only in the testis.

NHEDC1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NHEDC1 Antibody (N-term) - Images



NHEDC1 Antibody (N-term) (Cat. #AP11182a) western blot analysis in K562 and HepG2 cell line lysates (35ug/lane). This demonstrates the NHEDC1 antibody detected the NHEDC1 protein (arrow).

NHEDC1 Antibody (N-term) - 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) - References

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