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NHEDC1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11182a

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
Clone Names	RB28984
Calculated MW	56054
Antigen Region	26-55

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.

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.

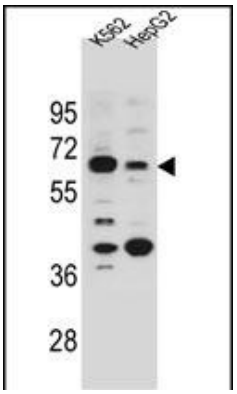
Background

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.

References

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

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.