

Rabbit SCN8A/Nav1.6 Polyclonal Antibody | anti-SCN8A antibody

Anti-SCN8A/Nav1.6 Antibody (N-Terminus)

CATALOG # AAA162404	HOST Rabbit	REACTIVITY Human Predicted: Rabbit, Mouse, Dog, Sheep, Bovine, Rat, Monkey	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

SCN8A/Nav1.6; Polyclonal Antibody; Anti-SCN8A/Nav1.6 Antibody (N-Terminus); Mouse Monoclonal (IgG) to Human SCN8A/Nav1.6; SCN8A; CERIII; MED; PN4; Na6; NaCh6; CIAT; Dmu; EIEE13; Motor endplate disease; Nav1.6; PN4a; anti-SCN8A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Rabbit, Mouse, Dog, Sheep, Bovine, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Nav1.6 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol.
Sequence Length	1980
Applicable Applications for anti-SCN8A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-terminal region of human Nav1.6.
Conjugation	Unconjugated
Epitope	N-Terminus
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



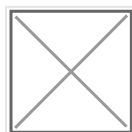
WB (Western Blot)

Western blot analysis of Nav1.6 expression in HEK293T (A); Raw264.7 (B); PC12 (C) whole cell lysates.



IHC (Immunohistochemistry)

Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

Human Skeletal Muscle: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SCN8A antibody	Scn8a encodes the alpha subunit of the type VIII voltage-gated sodiumchannel. these channels, composed of one alpha and one or two betasubunits, mediate changes in cell permeability to sodium ions that are essential for the generation of action potentials. the alpha subunitalone has been shown to generate a functional channel in vitro, but it'skinetic properties are modulated by beta subunits.
Product Categories/Family for anti-SCN8A antibody	Ion Channel ; Sodium channel - voltage-gated

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657544
NCBI GeneID	6334
NCBI Accession #	NP_055006.1
NCBI GenBank Nucleotide #	NM_014191.3
UniProt Accession #	Q9UQD0 ; O95788 ; Q9NYX2 ; Q9UPB2 ; B9VWG8
Molecular Weight	220,798 Da
NCBI Official Full Name	sodium channel protein type 8 subunit alpha isoform 1
NCBI Official Synonym Full Names	sodium voltage-gated channel alpha subunit 8
NCBI Official Symbol	SCN8A
NCBI Official Synonym Symbols	MED; PN4; CIAT; BFIS5; NaCh6; CERIII; EIEE13; Nav1.6
NCBI Protein Information	sodium channel protein type 8 subunit alpha
UniProt Protein Name	Sodium channel protein type 8 subunit alpha
UniProt Gene Name	SCN8A
UniProt Synonym Gene Names	MED

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/scn8a-nav16-antibody-western-blot-immunohistochemistry-elisa/162404>