

Rabbit anti-Human, Rat SCN8A Polyclonal Antibody | anti-SCN8A antibody

SCN8A Antibody

CATALOG # AAA232269	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SCN8A; Polyclonal Antibody; SCN8A Antibody; Sodium channel protein type 8 subunit alpha; Sodium channel protein type VIII subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.6; MED; anti-SCN8A antibody

PRODUCT SPECIFICATIONS

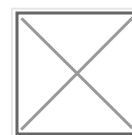
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1939
Applicable Applications for anti-SCN8A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Sodium channel protein type 8 subunit alpha protein (1350-1440AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-168694
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232269 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: SCN8A antibody IgG at 1.18ug/ml+ Rat heart tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 226,227,146,221 kDaObserved band size: 225 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SCN8A antibody

Mediates the voltage-dependent sodium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a sodium-selective channel through which Na(+) ions may pass in accordance with their electrochemical gradient. In macrophages and melanoma cells, isoform 5 may participate in the control of podosome and invadopodia formation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295789135
NCBI GeneID	6334
NCBI Accession #	NP_001171455.1
NCBI GenBank Nucleotide #	NM_001177984.2
UniProt Accession #	Q9UQD0; O95788; Q9NYX2; Q9UPB2; B9VWG8
Molecular Weight	220,798 Da
NCBI Official Full Name	sodium channel protein type 8 subunit alpha isoform 2
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
UniProt Entry Name	SCN8A_HUMAN

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-antibody-immunohistochemistry-western-blot-elisa/232269>