

Rabbit anti-Human, Mouse SCN9A Polyclonal Antibody | anti-SCN9A antibody

SCN9A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303265	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

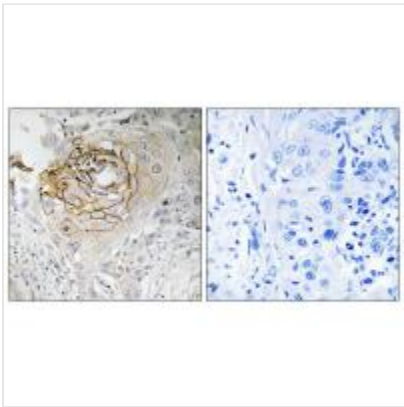
PRODUCT SYNONYMS

SCN9A; Polyclonal Antibody; SCN9A Antibody; Sodium channel protein type 9 subunit alpha; Sodium channel protein type IX subunit alpha; Voltage-gated sodium channel subunit alpha Nav1.7; Neuroendocrine sodium channel; hNE-Na; anti-SCN9A antibody

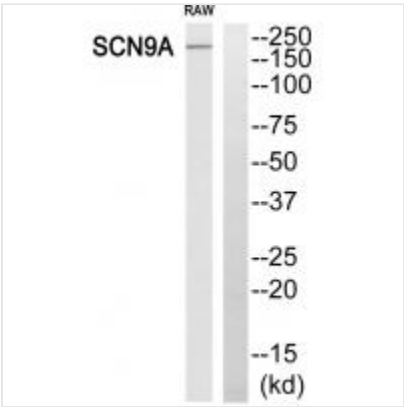
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SCN9A protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1977
Applicable Applications for anti-SCN9A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human SCN9A.
Target Name	SCN9A
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using SCN9A antibody.



WB (Western Blot)
Western blot analysis of extracts from RAW cells, using SCN9A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SCN9A 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. It is a tetrodotoxin-sensitive Na ⁺ channel isoform. Plays a role in pain mechanisms, especially in the development of inflammatory pain By similarity.Klugbauer N., EMBO J. 14:1084-1090(1995).Cox J.J., Nature 444:894-898(2006).Raymond C.K., J. Biol. Chem. 279:46234-46241(2004).
Product Categories/Family for anti-SCN9A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506813
NCBI GeneID	6335
NCBI Accession #	NP_002968.1
NCBI GenBank Nucleotide #	NM_002977.3
UniProt Accession #	Q15858; Q6B4R9; Q6B4S0; Q6B4S1; Q70HX1; Q70HX2; Q8WTU1; Q8WWN4; A1BUH5
Molecular Weight	225,227 Da
NCBI Official Full Name	sodium channel protein type 9 subunit alpha
NCBI Official Synonym Full Names	sodium channel, voltage gated, type IX alpha subunit
NCBI Official Symbol	SCN9A
NCBI Official Synonym Symbols	PN1; ETHA; NENA; SFNP; FEB3B; NE-NA; GEFSP7; HSN2D; Nav1.7
NCBI Protein Information	sodium channel protein type 9 subunit alpha
UniProt Protein Name	Sodium channel protein type 9 subunit alpha
UniProt Gene Name	SCN9A
UniProt Synonym Gene Names	NENA; hNE-Na; PN1
UniProt Entry Name	SCN9A_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/scn9a-antibody-immunohistochemistry-western-blot-elisa/303265>