

Rabbit SCN2A Polyclonal Antibody | anti-SCN2A antibody

SCN2A Polyclonal Antibody

CATALOG # AAA166716	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

SCN2A; Polyclonal Antibody; SCN2A Polyclonal Antibody; HBA; NAC2; BFIC3; BFIS3; BFNIS; HBSCI; EIEE11; HBSCII; Nav1.2; SCN2A1; SCN2A2; Na(v)1.2; anti-SCN2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	2005
Applicable Applications for anti-SCN2A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human SCN2A
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using SCN2A Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using SCN2A Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-SCN2A antibody	Voltage-gated sodium channels are transmembrane glycoprotein complexes composed of a large alpha subunit with 24 transmembrane domains and one or more regulatory beta subunits. They are responsible for the generation and propagation of action potentials in neurons and muscle. This gene encodes one member of the sodium channel alpha subunit gene family. It is heterogeneously expressed in the brain, and mutations in this gene have been linked to several seizure disorders. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.
Product Categories/Family for anti-SCN2A antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	93141214
NCBI GeneID	6326
NCBI Accession #	NP_001035233.1
NCBI GenBank Nucleotide #	NM_001040143.1
Molecular Weight	227,974 Da
NCBI Official Full Name	sodium channel protein type 2 subunit alpha isoform 2
NCBI Official Synonym Full Names	sodium channel, voltage gated, type II alpha subunit
NCBI Official Symbol	SCN2A
NCBI Official Synonym Symbols	HBA; NAC2; BFIC3; BFIS3; BFNIS; HBSCI; EIEE11; HBSCII; Nav1.2; SCN2A1; SCN2A2; Na(v)1.2
NCBI Protein Information	sodium channel protein type 2 subunit alpha; HBSC II; sodium channel protein brain II subunit alpha; sodium channel protein type II subunit alpha; sodium channel protein, brain type 2 alpha subunit; sodium channel, voltage-gated, type II, alpha 1 polypeptide; sodium channel, voltage-gated, type II, alpha 2 polypeptide; sodium channel, voltage-gated, type II, alpha subunit; voltage-gated sodium channel subtype II; voltage-gated sodium channel subunit alpha Nav1.2
UniProt Protein Name	Sodium channel protein type 2 subunit alpha
UniProt Gene Name	SCN2A
UniProt Synonym Gene Names	NAC2; SCN2A1; SCN2A2
UniProt Entry Name	SCN2A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/scn2a-antibody-immunohistochemistry-elisa/166716>