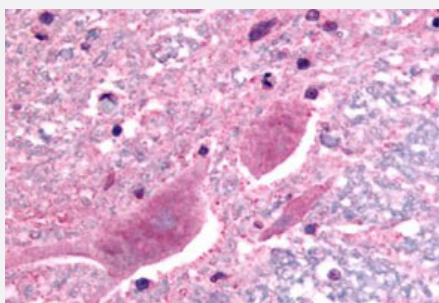


SCN3A polyclonal antibody

Catalog # PAB27833

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human spinal cord tissue with SCN3A polyclonal antibody (Cat # PAB27833). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SCN3A.
Immunogen	A synthetic peptide corresponding to 19 amino acid at C-terminus of human SCN3A.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (25 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — SCN3A

Entrez GeneID [6328](#)

Protein Accession# [Q9NY46](#)

Gene Name SCN3A

Gene Alias KIAA1356, NAC3, Nav1.3

Gene Description sodium channel, voltage-gated, type III, alpha subunit

Omim ID [182391](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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, and is found in a cluster of five alpha subunit genes on chromosome 2. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000041047|brain III voltage-gated sodium channel|sodium channel protein type 3 subunit alpha|sodium channel, voltage-gated, type III, alpha|sodium channel, voltage-gated, type III, alpha polypeptide

Disease

- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)