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Anti-SCN2A / Nav1.2 Antibody (aa983-1032)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18100

Product Information

Application	IHC-P, E
Primary Accession	Q99250
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	227975

Additional Information

Gene ID	6326
Alias Symbol	SCN2A
Other Names	SCN2A, Brain sodium channel type II, BFIC3, BFNIS, EIEE11, HBSC II, HBSCI, Na(v)1.2, NachII, SCN2A2, ScpII, BFIS3, HBA, HBSCII, NAC2, Nav1.2, RNSCPIIR, SCN2A1
Target/Specificity	SCN2A antibody detects endogenous levels of SCN2A.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-SCN2A / Nav1.2 Antibody (aa983-1032) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SCN2A (HGNC:10588)
Function	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 (PubMed:1325650, PubMed:17021166, PubMed:28256214, PubMed:29844171). Implicated in the regulation of hippocampal replay occurring within sharp wave ripples (SPW-R) important for memory (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.