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

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18100

Specification

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

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

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

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

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

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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