

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 Cytometry](#)
- [Cell Culture](#)

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