

SCN2A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57304**Specification**

SCN2A Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q99250
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	227975

SCN2A Polyclonal Antibody - Additional Information**Gene ID** 6326**Other Names**

Sodium channel protein type 2 subunit alpha, HBSC II, Sodium channel protein brain II subunit alpha, Sodium channel protein type II subunit alpha, Voltage-gated sodium channel subunit alpha Nav1.2, SCN2A, NAC2, SCN2A1, SCN2A2

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SCN2A Polyclonal Antibody - 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

SCN2A Polyclonal Antibody - 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](#)

SCN2A Polyclonal Antibody - Images