

Scn1b Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10854**Specification**

Scn1b Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q00954
Other Accession	NM_017288 , NP_058984
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rat, Pig, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 23kDa KDa

Scn1b Antibody - N-terminal region - Additional Information**Gene ID** 29686**Other Names**

Sodium channel subunit beta-1, Scn1b

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Scn1b antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Scn1b Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Scn1b Antibody - N-terminal region - Protein Information**Name** Scn1b**Function**

Regulatory subunit of multiple voltage-gated sodium channel complexes that play important roles in excitable membranes in brain, heart and skeletal muscle (PubMed:1375395, PubMed:8282123, PubMed:8021275, PubMed:15178439, PubMed:28012039). Enhances the presence of the pore-forming alpha subunit at the cell surface and modulates channel gating characteristics and the rate of channel inactivation (PubMed:1375395, PubMed:8282123, PubMed:8021275, PubMed:15178439, PubMed:28012039). Modulates the activity of a variety of pore-forming alpha subunits, such as SCN1A, SCN2A, SCN3A, SCN4A, SCN5A and SCN10A (PubMed:1375395, PubMed:8282123, PubMed:8021275, PubMed:15178439, PubMed:28012039).

Cellular Location

Cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q07699}
Perikaryon {ECO:0000250|UniProtKB:P97952}. Cell projection {ECO:0000250|UniProtKB:P97952}.
Cell projection, axon. Note=Detected at nodes of Ranvier on the sciatic nerve.

Tissue Location

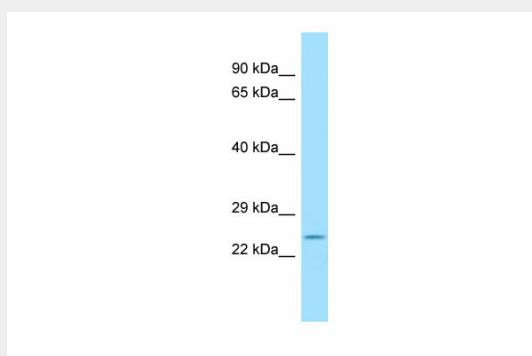
Detected in brain (at protein level) (PubMed:11470829). Expressed in brain, heart, skeletal muscle and spinal cord (PubMed:1375395, PubMed:8282123)

Scn1b Antibody - N-terminal region - 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](#)

Scn1b Antibody - N-terminal region - Images



WB Suggested Anti-Scn1b Antibody Titration: 1.0 µg/ml
Positive Control: Rat Thymus