

SCN2B Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51861**Specification**

SCN2B Antibody - Product Information

Application	WB
Primary Accession	O60939
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24 KDa
Antigen Region	51 - 110

SCN2B Antibody - Additional Information**Gene ID** 6327**Other Names**

Sodium channel subunit beta-2, SCN2B

Target/Specificity

KLH conjugated synthetic peptide derived from human SCN2B

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

SCN2B Antibody - Protein Information**Name** SCN2B**Function**

Crucial in the assembly, expression, and functional modulation of the heterotrimeric complex of the sodium channel. The subunit beta-2 causes an increase in the plasma membrane surface area and in its folding into microvilli. Interacts with TNFR may play a crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

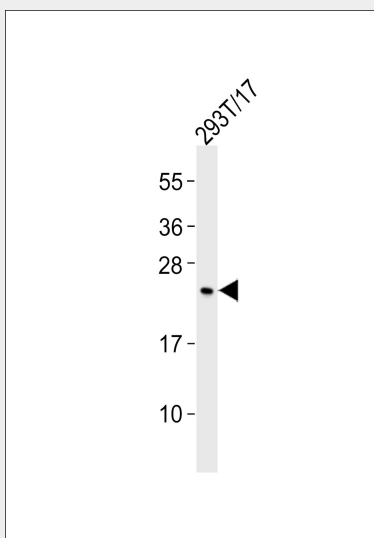
Brain specific.

SCN2B 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](#)

SCN2B Antibody - Images



Anti-SCN2B Antibody at 1:1000 dilution + 293T/17 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

SCN2B Antibody - Background

Crucial in the assembly, expression, and functional modulation of the heterotrimeric complex of the sodium channel. The subunit beta-2 causes an increase in the plasma membrane surface area and in its folding into microvilli. Interacts with TNR may play a crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier (By similarity).

SCN2B Antibody - References

Eubanks J., et al. NeuroReport 8:2775-2779(1997).
Bolino A., et al. Eur. J. Hum. Genet. 6:629-634(1998).
Cruz J.S., et al. Science 284:711-711(1999).
Isom L.L., et al. Submitted (JAN-1997) to the EMBL/GenBank/DDBJ databases.
Clark H.F., et al. Genome Res. 13:2265-2270(2003).