

Scn4b Polyclonal Antibody
Catalog # AP72407**Specification**

Scn4b Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8IWT1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Scn4b Polyclonal Antibody - Additional Information**Gene ID** 6330**Other Names**

SCN4B; Sodium channel subunit beta-4

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Scn4b Polyclonal Antibody - Protein Information**Name** SCN4B**Function**

Modulates channel gating kinetics. Causes negative shifts in the voltage dependence of activation of certain alpha sodium channels, but does not affect the voltage dependence of inactivation. Modulates the susceptibility of the sodium channel to inhibition by toxic peptides from spider, scorpion, wasp and sea anemone venom.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

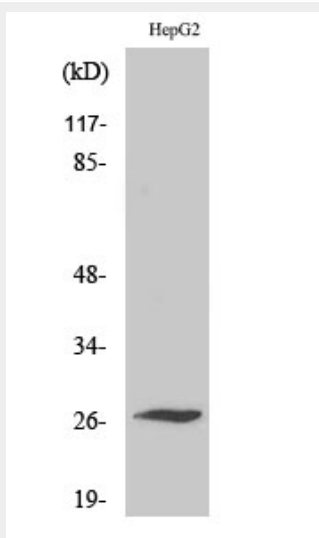
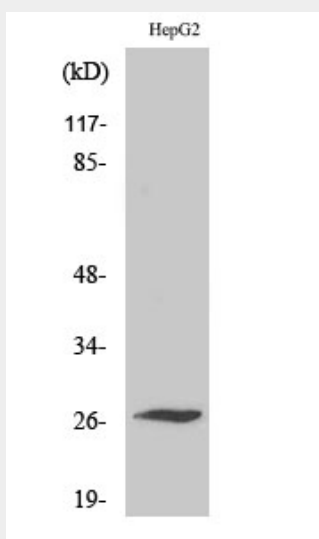
Expressed at a high level in dorsal root ganglia, at a lower level in brain, spinal cord, skeletal muscle and heart Expressed in the atrium.

Scn4b 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](#)

Scn4b Polyclonal Antibody - Images



Scn4b Polyclonal Antibody - Background

Modulates channel gating kinetics. Causes negative shifts in the voltage dependence of activation of certain alpha sodium channels, but does not affect the voltage dependence of inactivation. Modulates the susceptibility of the sodium channel to inhibition by toxic peptides from spider,

scorpion, wasp and sea anemone venom.