

SCN1B Polyclonal Antibody

Catalog No.	A10071	Category	Polyclonal Antibodies
Applications	WB	Observed MW	30kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	24kDa/30kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 19-160 of human SCN1B (NP_950238.1).
Gene ID	6324
Swiss prot	Q07699
Synonyms	SCN1B; ATFB13; BRGDA5; EIEE52; GEFSP1; sodium channel subunit beta-1

Product information

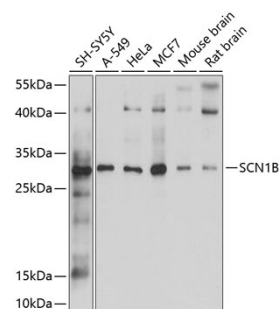
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

Voltage-gated sodium channels are heteromeric proteins that function in the generation and propagation of action potentials in muscle and neuronal cells. They are composed of one alpha and two beta subunits, where the alpha subunit provides channel activity and the beta-1 subunit modulates the kinetics of channel inactivation. This gene encodes a sodium channel beta-1 subunit. Mutations in this gene result in generalized epilepsy with febrile seizures plus, Brugada syndrome 5, and defects in cardiac conduction. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - SCN1B Polyclonal Antibody (A10071)