

For Research Use Only

SCN3B Polyclonal antibody

Catalog Number: 25907-1-AP



Basic Information

Catalog Number: 25907-1-AP	GenBank Accession Number: BC126265	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 55800	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9NY72	
Isotype: IgG	Full Name: sodium channel, voltage-gated, type III, beta	
Immunogen Catalog Number: AG23201	Observed MW: 45-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	

Background Information

The sodium channel is a multi-subunit protein complex composed of a single large α -subunit along with smaller additional β -subunits. There are at least three different β -subunit genes, SCN1b, SCN2b, and SCN3b, all of which are expressed widely in excitable tissues. The bands on Western blots for SCN3b (45-50 kDa) were significantly larger than the predicted molecular weight, which is consistent with the protein being glycosylated. The two bands on the Western blot could be due to different levels of glycosylation or alternative spliced isoforms. (PMID: 11744748)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

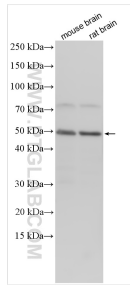
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25907-1-AP (SCN3B antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.