

Anti-Pan-Nav1 Sodium Channel Antibody

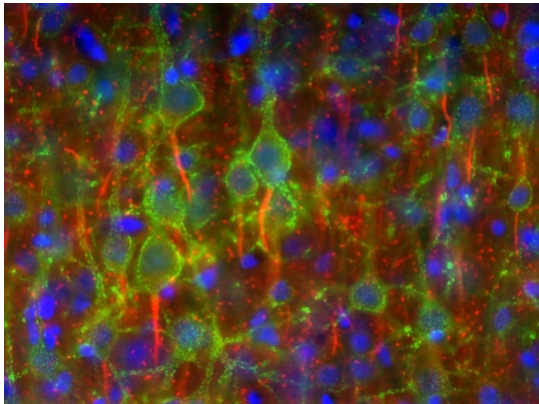


Product Details

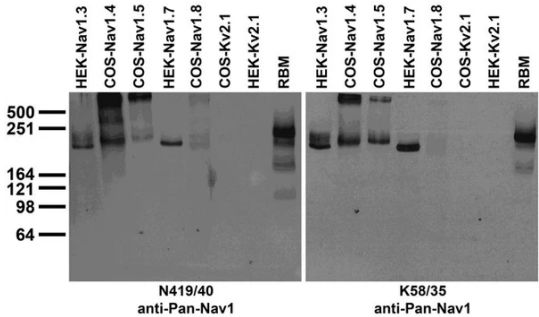
Available Variants	100 µL (SKU:75-405) 20 µL (SKU:75-405-020)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N419/40
Gene Name	SCN2A NAC2 SCN2A1 SCN2A2 SCN1A NAC1 SCN1 SCN9A NENA SCN5A SCN3A KIAA1356 NAC3 SCN8A MED SCN10A SCN4A SCN11A SCN12A SNS2
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:500 IHC: 1:250 ICC: 1:250
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 1501-1518 (TEEQKKYYNAMKKLGSKK, cytoplasmic loop between repeat III and IV) of human Nav1.1 (accession number P35498)
Specificity	Cross-reacts with multiple Nav1 channels

Molecular Weight	>200 kDa
Quality Control	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2491098
UniProt ID	<u>P35498</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Immunofluorescence staining of adult rat cortex with N419/40 (red), K89/34 (green) and Hoechst nuclear stain (blue).



Immunoblot against fractions of adult rat brain membranes (RBM) and extracts of COS or HEK cells transiently or stably expressing different untagged Nav1.X or Kv2.1 plasmid probed with N419/40 (left) or K58/35 (right) TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-pan-nav1-sodium-channel-antibody-n419-40-75-405



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