

Anti-Nav1.2 Na⁺ Channel Antibody

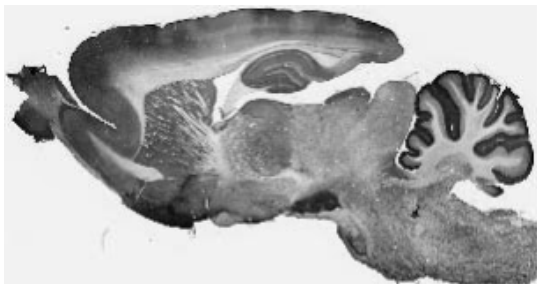


Product Details

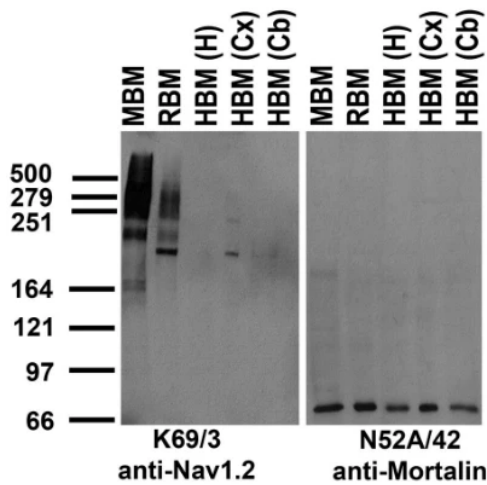
Available Variants	100 µL (SKU:75-024) 20 µL (SKU:75-024-020)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	K69/3
Gene Name	Scn2a Scn2a1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
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: 1:100
Species Reactivity	Feline, Human, Mouse, Non-Human Primate, Rat
Immunogen	Fusion protein amino acids 1882-2005 (cytoplasmic C-terminus) of rat Nav1.2 (accession number P04775) produced recombinantly in E. Coli
Specificity	Lack of cross-reactivity against Nav1.1, Nav1.3, Nav1.6 verified
Molecular Weight	~250 kDa

Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
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_2184030
UniProt ID	P04775
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.

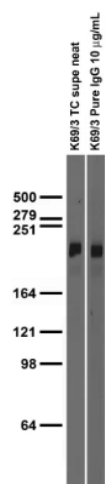
Product Images



Adult rat whole brain immunohistochemistry.



Immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] and probed with K69/3 (left) or N52A/42 (right) TC supe.



Adult rat brain membrane immunoblot.

Product Page URL: www.antibodiesinc.com/products/anti-nav1-2-na-channel-antibody-k69-3-75-024



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