

Anti-Navbeta4 Na⁺ Channel Antibody



Product Details

Available Variants	100 µL (SKU:75-198) 20 µL (SKU:75-198-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N168/6
Gene Name	Scn4b
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
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein amino acids 184-228 (cytoplasmic C-terminus) of rat Navbeta4 (accession number Q7M730) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	25 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 ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to

removing the cap.

Antibody Registry ID AB_2301402

UniProt ID [Q7M730](#)

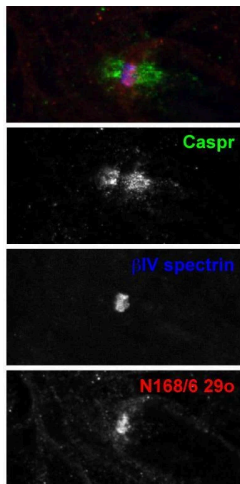
Country of Origin United States

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.

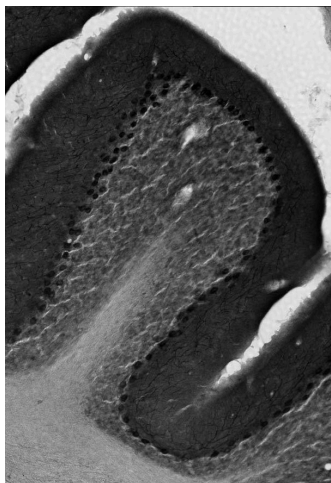
Product Images



Adult rat sciatic nerve immuno-fluorescence staining: paranodes labeled with Caspr (green) surround nodes of Ranvier labeled with Beta-IV spectrin (blue) and N168/6 (red). Images courtesy of Shelly Buffington and Matt Rasband (Baylor College of Medicine).



Adult rat brain immunohistochemistry N168/6 staining in striatal efferents in globus pallidus.



Immunohistochemistry of Purkinje cell bodies and dendrites in cerebellar cortex.

Product Page URL: www.antibodiesinc.com/products/anti-navbeta4-na-channel-antibody-n168-6-75-198



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