

Anti-Nav1.4 Sodium Channel Antibody



Product Details

Available Variants	100 µL (SKU:75-424)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N255/38
Gene Name	Scn4a
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 269-386 (Repeat I external pore between S5 and S6) of rat Nav1.4 (accession number P15390) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
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°C. For maximum recovery of product, centrifuge the vial prior to

removing the cap.

Antibody Registry ID AB_2716260

UniProt ID [P15390](#)

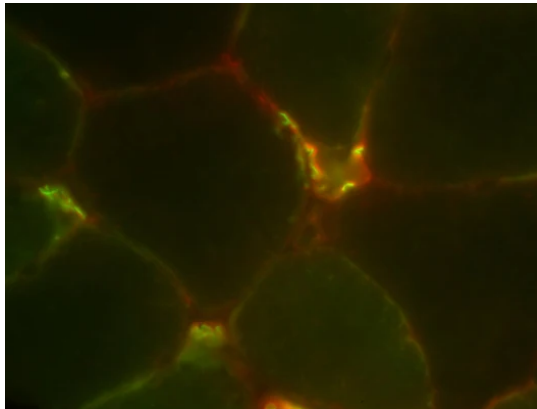
Country of Origin United States

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



Immunolabeling of mouse skeletal muscle staining NaV 1.4 (Cat. 75-424, 1:1000, red) and acetylcholine receptor (red). The frozen tissue section was fixed with 4% PFA for 10 minutes and mounted before staining. Image kindly provided by Chengjie Xie and Lauren Fish, Brown University.

Product Page URL: www.antibodiesinc.com/products/anti-nav1-4-sodium-channel-antibody-n255-38-75-424



Created on 10. September 2026 | All information without guarantee