

Anti-Cav3.1 Ca²⁺ Channel Antibody

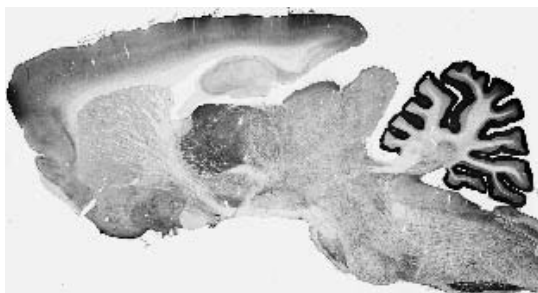


Product Details

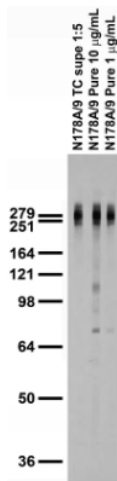
Available Variants	100 µL (SKU:75-206)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N178A/9
Gene Name	Cacna1g
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	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	Human, Mouse, Non-Human Primate, Rat
Immunogen	Fusion protein amino acids 2052-2172 (cytoplasmic C-terminus) of mouse Cav3.1 (accession number Q9WUT2) 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 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_2069421
UniProt ID	<u>Q9WUT2</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.

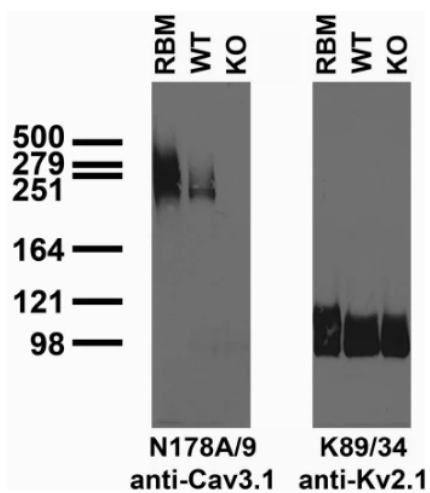
Product Images



Adult rat brain immunohistochemistry.



Adult rat brain membrane immunoblot.



Immunoblot of crude brain membranes from adult rat (RBM) and Cav3.1 wild-type (WT) and knockout (KO) mice and probed with N178A/9 (left) and K89/34 (right). Mouse brains courtesy of Stefan Dubel and Jean-Philippe Pin, CNRS.

Product Page URL: www.antibodiesinc.com/products/anti-cav3-1-ca2-channel-antibody-n178a-9-75-206



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