

Anti-Kv3.2 Potassium Channel Antibody

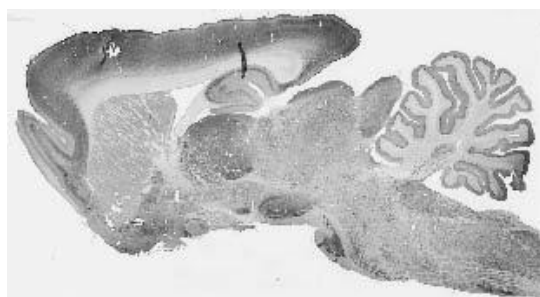


Product Details

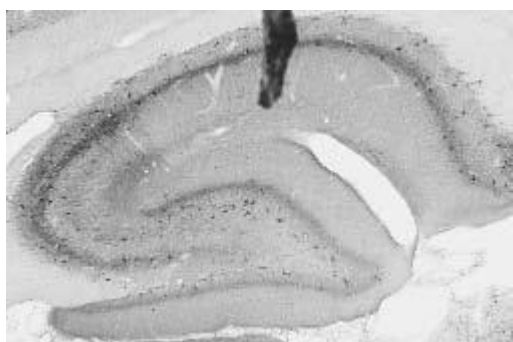
Available Variants	100 µL (SKU:75-397)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N410/17
Gene Name	Kcnc2
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced 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	IHC: 1:250
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 474-613 (cytoplasmic C-terminus) of rat Kv3.2a (accession number P22462-3) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	80-100 kDa (varies due to post-translational modifications)
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_2491084
UniProt ID	<u>P22462-3</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.

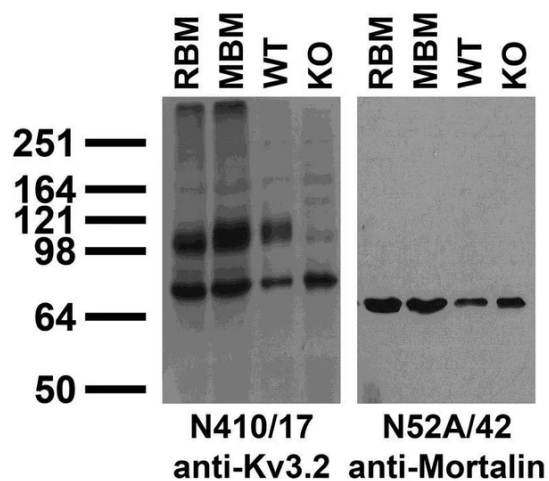
Product Images



Whole brain immunohistochemistry.



Adult rat hippocampus immunohistochemistry.



Immunoblot against crude membranes from adult rat brain (RBM), mouse brain (MBM) and wild-type (WT) and Kv3.2 knockout (KO) mouse brains probed with N410/17 (left) and N52A/42 (right) TC supe. Mouse brains courtesy of Bernardo Rudy (NYU School of Medicine).

Product Page URL: www.antibodiesinc.com/products/anti-kv3-2-potassium-channel-antibody-n410-17-75-397



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