

Anti-Kv2.1 Potassium Channel Subunit Antibody

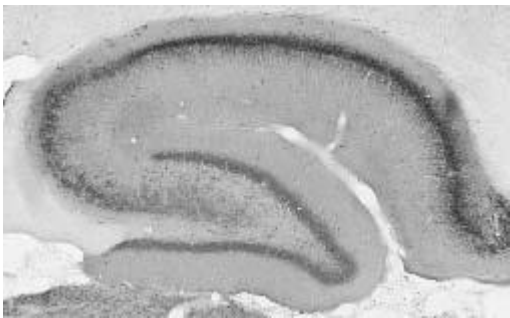


Product Details

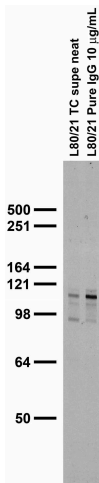
Available Variants	100 µL (SKU:75-315)
Conjugate	Unconjugated
Isotype	IgG3
Clone	L80/21
Gene Name	Kcnb1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced 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, Rat
Immunogen	Synthetic peptide amino acids 837-853 (HMLPGGGAHGSTRDQSI, cytoplasmic Cterminus) of rat Kv2.1 (accession number P15387)
Specificity	No cross-reactivity reported
Molecular Weight	105-125 kDa (varies with cell background due to phosphorylation)
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_2315863
UniProt ID	P15387
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.

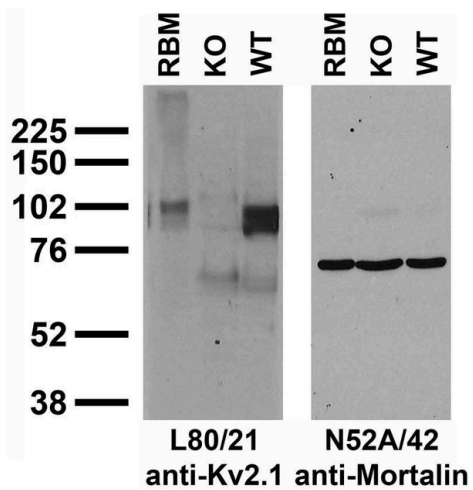
Product Images



Adult rat hippocampus immunohistochemistry.



Adult rat brain membrane immunoblot.



Immunoblot against crude brain membranes from adult rat (RBM) and Kv2.1 wild-type (WT) or knockout (KO) mouse probed with L80/21 (left) or N52A/42 (right) TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-kv2-1-potassium-channel-subunit-antibody-l80-21-75-315



Created on 11. September 2026 | All information without guarantee