

Anti-Kv1.3 K⁺ Channel Antibody

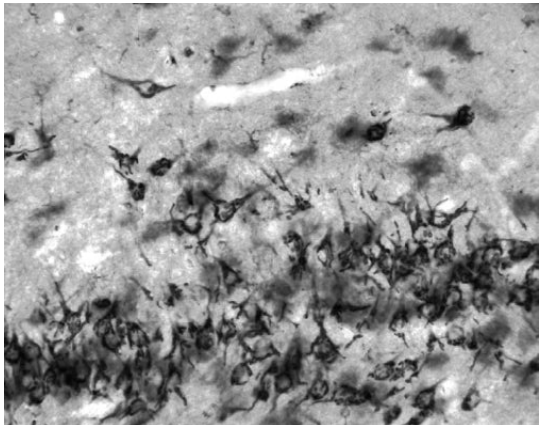


Product Details

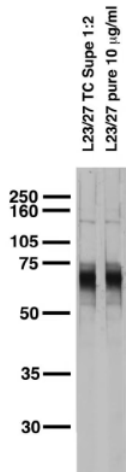
Available Variants	100 µL (SKU:75-009) 20 µL (SKU:75-009-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	L23/27
Gene Name	Kcna3
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
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, IP, WB
Dilution Ranges	WB: 1:500 IHC: 1:500 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 485-506 (GGMNHSAFPQTPFKTGNSTATC, cytoplasmic C-terminus) of rat Kv1.3 (accession number P15384)
Specificity	No cross-reactivity reported
Molecular Weight	70 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_2133637
UniProt ID	<u>P15384</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.

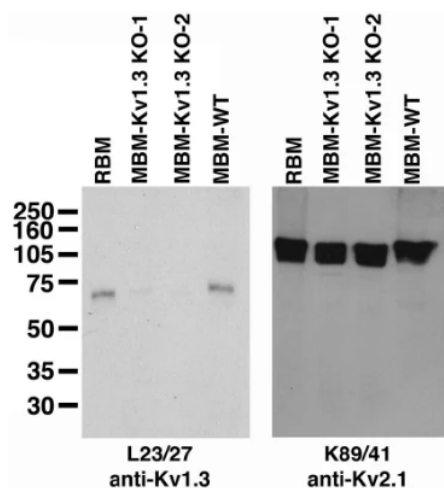
Product Images



Adult rat dentate gyrus immunohistochemistry.



Adult rat brain membrane immunoblot.



Immunoblot on adult rat brain membranes (RBM), and adult mouse brain membranes from two Kv1.3 knockout mice (MBM-Kv1.3-KO) and one wild-type mouse (MBM-WT). KO samples courtesy of Dr. Leonard Kaczmarek, Yale School of Medicine.

Product Page URL: www.antibodiesinc.com/products/anti-kv1-3-k-channel-antibody-l23-27-75-009



Created on 11. September 2026 | All information without guarantee