

Anti-Kv1.4 K⁺ Channel Antibody

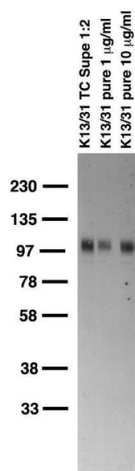


Product Details

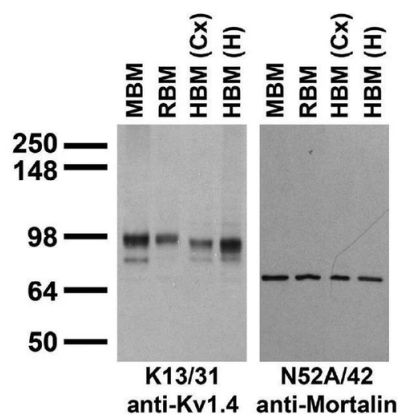
Available Variants	100 µL (SKU:75-010)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K13/31
Gene Name	Kcna4
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
Production Notes	Produced 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: 1:250 ICC: 1:500
Species Reactivity	Human, Mouse, Rabbit, Rat
Immunogen	Synthetic peptide 13-37 of rat Kv1.4 (NSHMPYGYAAQARARERERLAHSR; accession number P15385)
Specificity	No cross-reactivity against Kv1.1, Kv1.2, Kv1.3, Kv1.5 and Kv1.6 expressed in transfected cells
Molecular Weight	98 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_2249726
UniProt ID	P15385
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 membrane immunoblot.



Immunoblot on membrane fractions of whole rat (RBM) and mouse (MBM) brain and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].



Adult rat hippocampus immunohistochemistry.

Product Page URL: www.antibodiesinc.com/products/anti-kv1-4-k-channel-antibody-k13-31-75-010



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