

Anti-Kvbeta1.2 K⁺ Channel Antibody

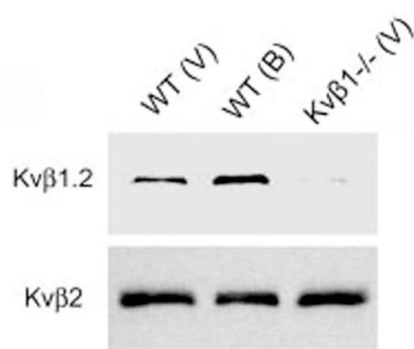


Product Details

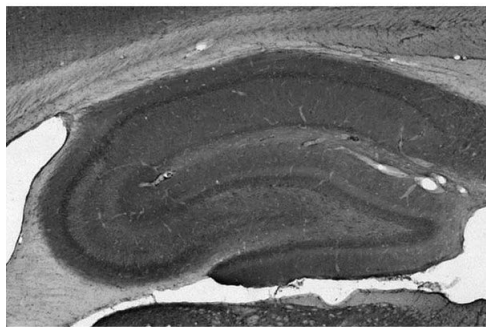
Available Variants	100 µL (SKU:75-019)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K47/42
Gene Name	KCNAB1 KCNA1B
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
Production Notes	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
Species Reactivity	Mouse, Rat
Immunogen	Synthetic peptide amino acids 9-28 (ADIPSPKLGLPKSSESALKC, unique Nterminus) of human Kv1.2 (accession number NP_003462)
Specificity	No cross-reactivity reported
Molecular Weight	65 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_10674579
UniProt ID	Q14722-3
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.

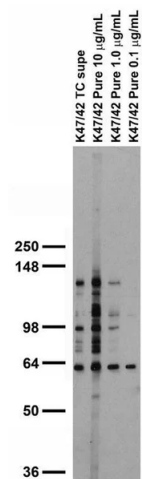
Product Images



Immunoblot of crude membrane fractions from adult heart ventricle (V) and brain (B) from wild-type (WT) and Kvβ1 knockout (Kvβ1) mice probed with K47/42 (Kvβ1.2, top) and K17/70 (Kvβ2, bottom). Data courtesy of Jeanne Nerbonne, Washington University SOM. Reproduced with permission from 2005 Aimond et al. Circ Res.



Adult rat hippocampus immunohistochemistry.



Adult rat brain membrane immunoblot.

Product Page URL: www.antibodiesinc.com/products/anti-kvbeta1-2-k-channel-antibody-k47-42-75-019



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