

Anti-Kv1.1 K⁺ Channel (External) Antibody



Product Details

Available Variants	100 µL (SKU:75-105) 20 µL (SKU:75-105-020)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	K36/15
Gene Name	Kcna1
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 7.33
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 191-208 (ELKDDKDFTGTIHRIDNTC, extracellular domain) of rat Kv1.1 (accession number P10499)
Specificity	No cross-reactivity reported
Molecular Weight	56 kDa (could be 65-85 kDa depending on glycosylation)
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 ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to

removing the cap.

Antibody Registry ID AB_2128566

UniProt ID [P10499](#)

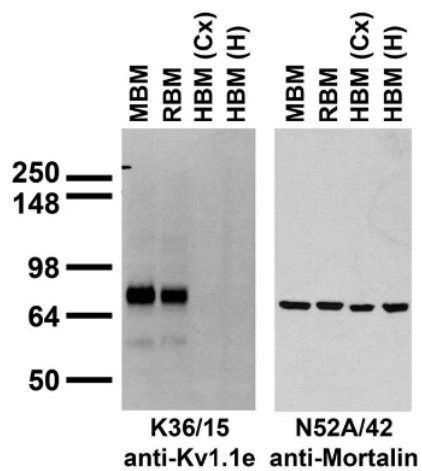
Country of Origin United States

Shipping Shipped on ice packs

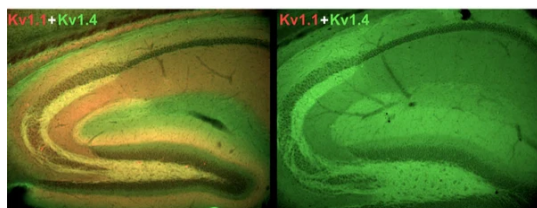
Expiration 24 months from date of receipt

Usage Statement These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

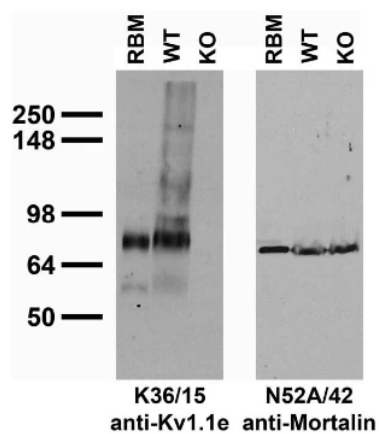
Product Images



Immunoblot versus crude brain membranes from adult mouse (MBM), rat (RBM) and human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)] probed with K36/15 (left) or N52A/42 (right) TC supe.



Immunofluorescence staining of hippocampus from adult Kv1.1 wildtype (left) or knock-out (right) mouse with K36/15 (red) and K13/31 (green, Kv1.4).



Immunoblot against crude brain membranes from adult rat (RBM) and Kv1.1 wild-type (WT) or knock-out (KO) mouse probed with K36/15 (left) or N52A/42 (right) TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-kv1-1-k-channel-external-antibody-k36-15-75-105



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