

Anti-Kv3.4 K⁺ Channel Antibody

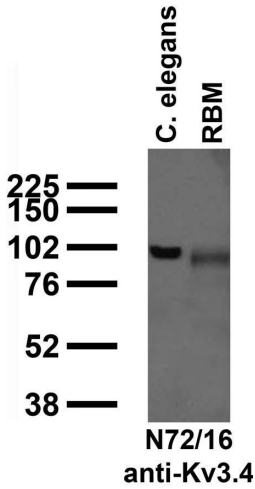


Product Details

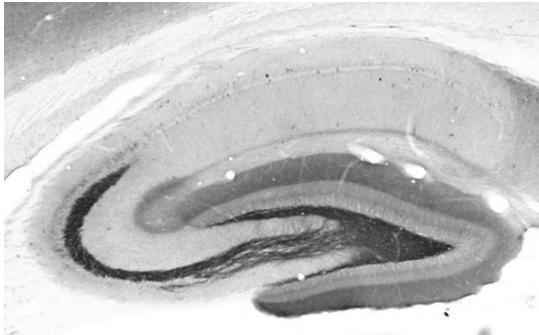
Available Variants	100 µL (SKU:75-112)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N72/16
Gene Name	Kcnc4
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.40
Production Notes	Produced 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: 1000 IHC: 1:500 ICC: 1:500 IP: 50 ug
Species Reactivity	C. elegans, Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 175-192 (GDEAGDDERELALQRLGP) of rat Kv3.4 (accession number Q63734)
Specificity	No cross-reactivity reported
Molecular Weight	70 kDa (100 kDa in brain due to 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 $\leq -20^{\circ}\text{C}$ 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_10673277
UniProt ID	Q63734
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.

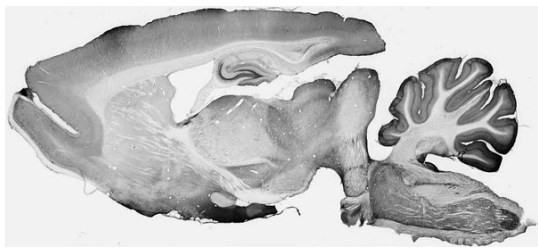
Product Images



Immunoblot against crude *C. elegans* worm extracts and brain membranes from adult rat (RBM) probed with N72/16 TC supe.



Adult rat hippocampus immunohistochemistry.



Adult rat whole brain immunohistochemistry.

Product Page URL: www.antibodiesinc.com/products/anti-kv3-4-k-channel-antibody-n72-16-75-112



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