

Anti-Kvbeta2 K⁺ Channel Antibody

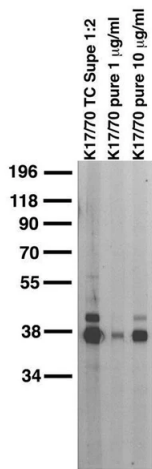


Product Details

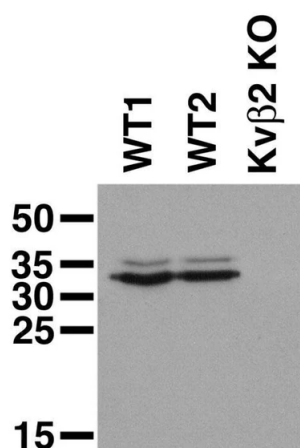
Available Variants	100 µL (SKU:75-021)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K17/70
Gene Name	Kcnab2 Ckbeta2 I2rf5 Kcnb3
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
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: 1:100
Species Reactivity	Finch, Human, Mouse, Non-Human Primate, Rat, Xenopus, Zebrafish
Immunogen	Fusion protein amino acids 1-367 (full length) of rat Kv2 (accession number NP_034728) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	38 kDa (major band), 41 kDa (minor band)

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_2131373
UniProt ID	<u>P62482</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.

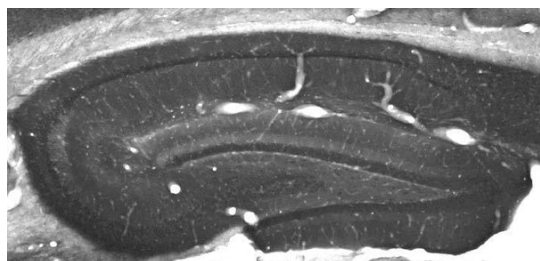
Product Images



Adult rat brain membrane immunoblot.



Immunoblot on adult mouse brain membranes from two wild-type (WT1,2) and Kvβ2 knockout (Kvβ2 KO) mice. Brain samples courtesy of Dr. Geoff Murphy, Molecular and Behavioral Neuroscience Institute, University of Michigan.



Adult rat hippocampus immunohistochemistry.

Product Page URL: www.antibodiesinc.com/products/anti-kvbeta2-k-channel-antibody-k17-70-75-021



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