

Anti-Kvbeta1.1 K⁺ Channel Antibody

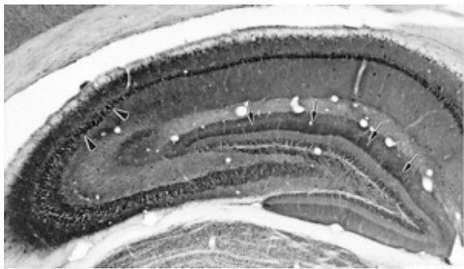


Product Details

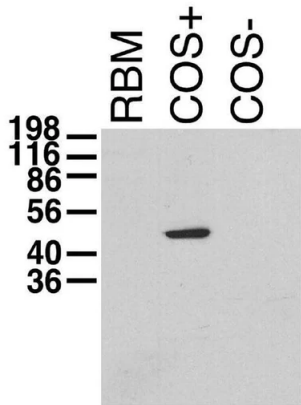
Available Variants	100 µL (SKU:75-018)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	K9/40
Gene Name	Kcnab1 Kvβ1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
Production Notes	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: 1:1000 ICC: 1:10
Species Reactivity	Human, Mouse, Non-Human Primate, Rat
Immunogen	Synthetic peptide amino acids 7-28 (unique N-terminus) of rat Kv1.1 (TEHNLKSRNGEDRLLSKQSST; accession number NP_058999)
Specificity	Does not cross-react with Kvβ1.2, Kvβ1.3, Kvβ2
Molecular Weight	44 kDa
Quality Control	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.

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_10675290
UniProt ID	<u>P63143</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 hippocampus immunohistochemistry.



Immunoblot on adult rat brain membrane (RBM) and lysates from Kv β 1.1 -transfected (COS+) and untransfected (COS-) COS cells.



Adult rat striatum immunohistochemistry.

Product Page URL: www.antibodiesinc.com/products/anti-kvbeta1-1-k-channel-antibody-k9-40-75-018



Created on 11. September 2026 | All information without guarantee