

Anti-KChIP1 K⁺ Channel Antibody

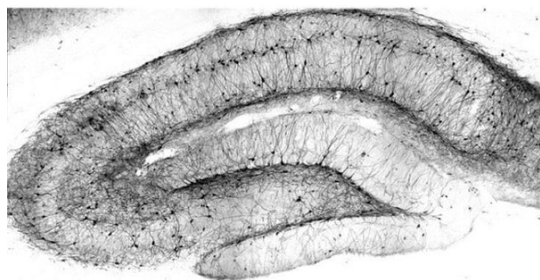


Product Details

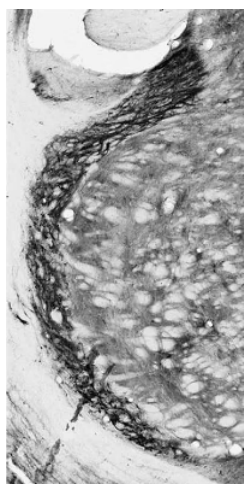
Available Variants	100 µL (SKU:75-003) 20 µL (SKU:75-003-020)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K55/7
Gene Name	Kcnp1 Kchip1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide 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, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Human, Mouse, Non-Human Primate, Rat, Tree Shrew
Immunogen	Fusion protein amino acids 1-227 (full length) of rat KChIP1b (accession number Q8R426) produced recombinantly in E. Coli
Specificity	No cross-reactivity against rat KChIPs 2,3
Molecular Weight	30 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_10673162
UniProt ID	Q8R426
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.

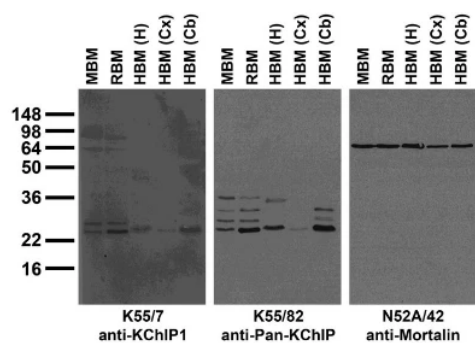
Product Images



Adult rat hippocampus immunohistochemistry.



Adult rat reticular thalamic nucleus immunohistochemistry.



Immunoblot versus crude brain membranes from adult mouse (MBM), rat (RBM) and human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] and cerebellum [HBM(Cb)] probed with K55/7 (left), K55/82 (middle) and N52A/42 (right).

Product Page URL: www.antibodiesinc.com/products/anti-kchip1-k-channel-antibody-k55-7-75-003



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