

For Research Use Only

KCNIP2 Recombinant monoclonal antibody

Catalog Number:86696-1-RR



Basic Information

Catalog Number: 86696-1-RR	GenBank Accession Number: BC034685	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 30819	CloneNo.: 251560C3
Source: Rabbit	UNIPROT ID: Q9NS61	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: Kv channel interacting protein 2	
Immunogen Catalog Number: AG14111	Calculated MW: 270 aa, 31 kDa	
	Observed MW: 31-35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	

Background Information

KCNIP2 is a member of the family of voltage-gated potassium (Kv) channel-interacting proteins (KCNIPs), which belongs to the recoverin branch of the EF-hand superfamily. Members of the KCNIP family are small calcium binding proteins. They all have EF-hand-like domains, and differ from each other in the N-terminus. They are integral subunit components of native Kv4 channel complexes. They may regulate A-type currents, and hence neuronal excitability, in response to changes in intracellular calcium. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified from this gene.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

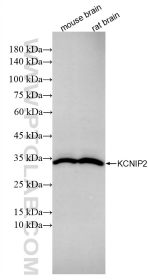
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

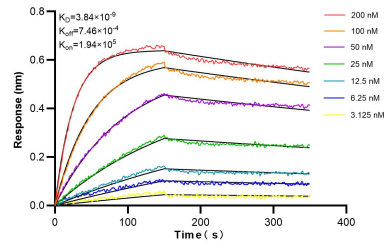
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86696-1-RR (KCNIP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86696-1-RR against Human KCNIP2 were performed. The affinity constant is 3.84 nM.