

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
Source: Rabbit	GeneID (NCBI): 30819	CloneNo.: 251560C3
Isotype: IgG	UNIPROT ID: Q9NS61	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG14111	Full Name: Kv channel interacting protein 2	
	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

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

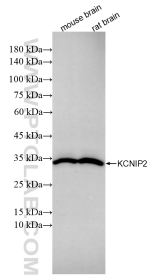
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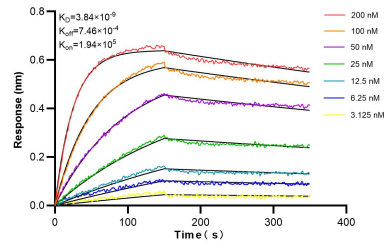
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Selected Validation Data



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.