For Research Use Only

KCNIP2 Polyclonal antibody

Catalog Number:20192-1-AP 1 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
20192-1-AP

Size:
150ul , Concentration: 900 μg/ml by Nanodrop and 467 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14111

GenBank Accession Number:
BC034685

GeneID (NCBI):
30819

Full Name:
Kv channel interacting protein 2

Calculated MW:
270 aa, 31 kDa

Observed MW:
29-31 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse

Cited Species:
mouse

Positive Controls:

WB : mouse brain tissue,

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.This antibody can recognize 31 kDa and 29 kDa isoforms.

Notable Publications

Author	Pubmed ID	Journal	Application
Weixing Xu	34415059	J Cell Physiol	WB

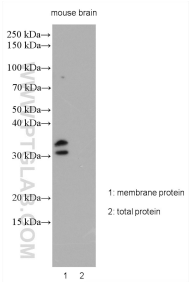
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
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

Selected Validation Data



mouse brain membrane proteins and total proteins were subjected to SDS PAGE followed by western blot with 20192-1-AP (KCNIP2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.