

For Research Use Only

Kv1.2 Polyclonal antibody

Catalog Number: 14235-1-AP

1 Publications



Basic Information

Catalog Number:

14235-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5477

GenBank Accession Number:

BC043564

GeneID (NCBI):

3737

UNIPROT ID:

P16389

Full Name:

potassium voltage-gated channel, shaker-related subfamily, member 2

Calculated MW:

499 aa, 57 kDa

Observed MW:

66-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A549 cells, multi-cells/tissue, human heart tissue, HeLa cells, HepG2 cells, MCF-7 cells

IP : HeLa cells,

IHC : mouse brain tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Ze-Yu Zhou	38946582	Adv Sci (Weinh)	IHC

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

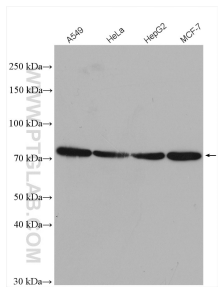
For technical support and original validation data for this product please contact:

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

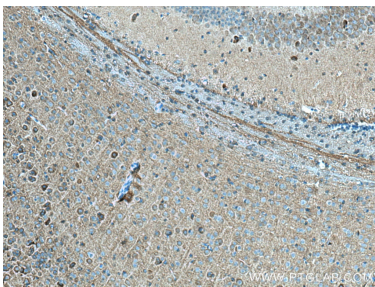
E: proteintech@ptglab.com
W: ptglab.com

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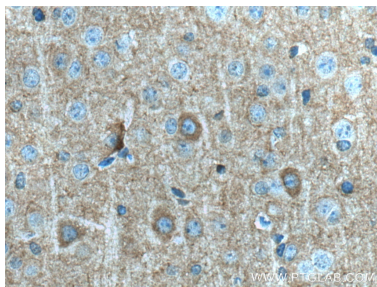
Selected Validation Data



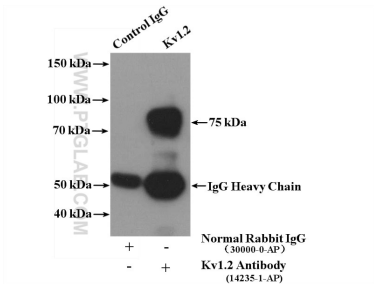
Various lysates were subjected to SDS PAGE followed by western blot with 14235-1-AP (Kv1.2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14235-1-AP (Kv1.2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14235-1-AP (Kv1.2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Kv1.2 (IP:14235-1-AP, 4ug; Detection:14235-1-AP 1:500) with HeLa cells lysate 5200ug.