

For Research Use Only

KCNH5 Polyclonal antibody

Catalog Number: 17912-1-AP



Basic Information

Catalog Number:

17912-1-AP

Size:

170 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12312

GenBank Accession Number:

BC073979

GeneID (NCBI):

27133

UNIPROT ID:

Q8NCM2

Full Name:

potassium voltage-gated channel, subfamily H (eag-related), member 5

Calculated MW:

988 aa, 112 kDa

Observed MW:

69-71 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, mouse liver tissue

Background Information

Potassium voltage-gated channel subfamily H member 5 (KCNH5), also known as Ether-a-go-go potassium channel 2 (hEAG2) belongs to mammalian potassium channel subfamily and is upregulated in a subset of Medulloblastoma (MB). KCNH5 protein is confined intracellularly during interphase but is enriched in the plasma membrane during late G2 phase and mitosis (PMID: 22855790, 26258683).

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

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

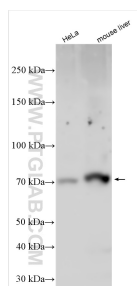
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 17912-1-AP (KCNH5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.