

For Research Use Only

KCNH5 Polyclonal antibody

Catalog Number: 17912-1-AP



Basic Information

Catalog Number:

17912-1-AP

Size:

150ul, Concentration: 170 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

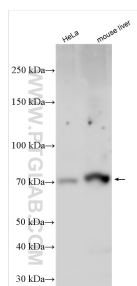
For technical support and original validation data for this product please contact:

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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.