

For Research Use Only

CALHM1 Polyclonal antibody

Catalog Number: 22042-1-AP

1 Publications



Basic Information

Catalog Number:

22042-1-AP

Size:

150ul, Concentration: 607 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14938

GenBank Accession Number:

BC036193

GeneID (NCBI):

255022

UNIPROT ID:

Q8IU99

Full Name:

calcium homeostasis modulator 1

Calculated MW:

346 aa, 38 kDa

Observed MW:

38-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

human, 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 : mouse brain tissue, rat brain tissue

IHC : human brain tissue,

Background Information

Calcium homeostasis modulator 1 (CALHM1) is a membrane protein with four transmembrane helices that form an octameric ion channel with voltage-dependent activation.

Notable Publications

Author	Pubmed ID	Journal	Application
Maki Kimura	39528838	Pflugers Arch	IF

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

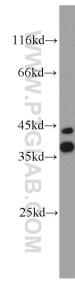
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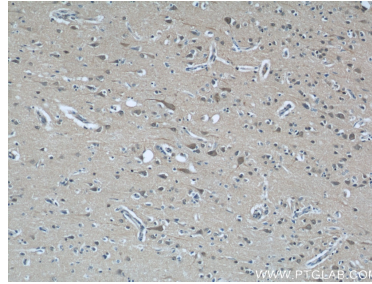
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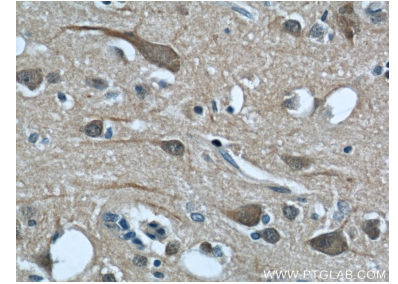
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 22042-1-AP (CALHM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 22042-1-AP (CALHM1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 22042-1-AP (CALHM1 antibody) at dilution of 1:50 (under 40x lens).