

For Research Use Only

# CALHM1 Polyclonal antibody

Catalog Number: 22042-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 22042-1-AP	<b>GenBank Accession Number:</b> BC036193	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 607 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 255022	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IU99	
<b>Isotype:</b> IgG	<b>Full Name:</b> calcium homeostasis modulator 1	
<b>Immunogen Catalog Number:</b> AG14938	<b>Calculated MW:</b> 346 aa, 38 kDa	
	<b>Observed MW:</b> 38-40 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue IHC : human brain tissue,
<b>Cited Applications:</b> IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

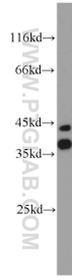
For technical support and original validation data for this product please contact:

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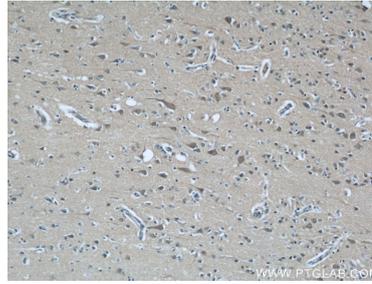
E: proteintech@ptglab.com  
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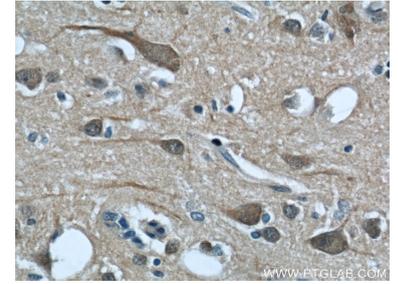
## Selected Validation Data



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).