

For Research Use Only

# MCEMP1 Polyclonal antibody

Catalog Number: 25700-1-AP

1 Publications



## Basic Information

Catalog Number:

25700-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22616

GenBank Accession Number:

BC104798

GeneID (NCBI):

199675

UNIPROT ID:

Q8IX19

Full Name:

chromosome 19 open reading frame

59

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : THP-1 cells, mouse liver tissue

IHC : human lung tissue, mouse lung tissue

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

## Background Information

The MCEMP1 gene contains seven exons and was mapped to human chromosome 19p13.3. The epitope-tagged MCEMP1 has been expressed in mammalian cells and found to be localized to the cellular membrane with its C-terminus extending to the outside of the membrane and N-terminus into the cytoplasmic compartment. An evidently increased expression of mast cell expression membrane protein 1 (MCEMP1) has been observed in stroke patients and its expression independently improved the discrimination of 1-month outcome, suggesting the functionality of peripheral blood expression of MCEMP1 as a biomarker for stroke prognosis. (PMID: 30883005, PMID: 31104315, PMID: 15953541)

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Ye	39346078	PeerJ	WB

## 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:

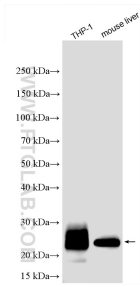
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

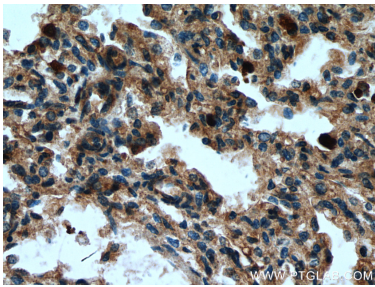
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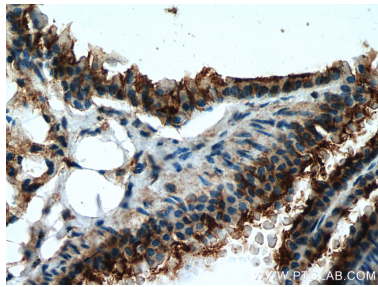
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25700-1-AP (C19orf59 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 25700-1-AP (C19orf59 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 25700-1-AP (C19orf59 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).