

For Research Use Only

# TMEM35 Recombinant monoclonal antibody

Catalog Number: 86724-1-RR



## Basic Information

Catalog Number:

86724-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20589

GenBank Accession Number:

BC078658

GeneID (NCBI):

59353

UNIPROT ID:

Q53FP2

Full Name:

transmembrane protein 35

Calculated MW:

167 aa, 18 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

251680G5

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:500-1:2000

## Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse, rat, pig

**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, mouse spinal cord tissue, rat spinal cord tissue, mouse cerebellum tissue, rat cerebellum tissue

IP : mouse brain tissue,

IHC : mouse brain tissue,

## Background Information

TMEM35 is a 167-amino acid peptide with a putative NH<sub>2</sub> terminal signal peptide, three hydrophobic transmembrane domains, and a nerve growth factor binding domain. TMEM35 is 18kDa and has been shown to localize to membrane-bound structures within cells.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

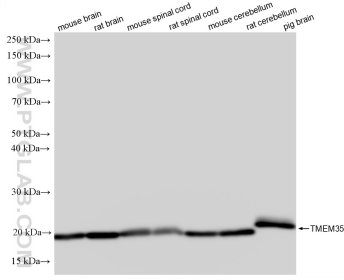
T: 4006900926

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

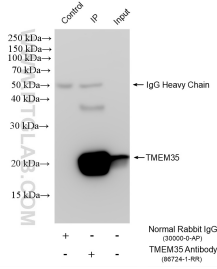
W: [ptgcn.com](http://ptgcn.com)

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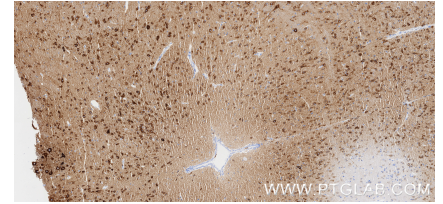
## Selected Validation Data



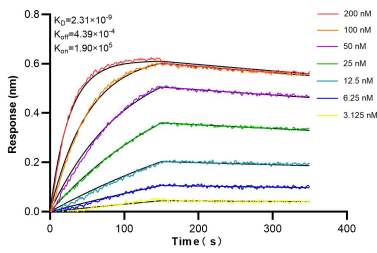
Various lysates were subjected to SDS PAGE followed by western blot with 86724-1-RR (TMEM35 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-TMEM35 (IP:86724-1-RR, 4 $\mu$ g; Detection:86724-1-RR 1:5000) with mouse brain tissue lysate 1960  $\mu$ g.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86724-1-RR (TMEM35 antibody) at dilution of 1:1000 (under 10 $\times$  lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 86724-1-RR against Human TMEM35 were performed. The affinity constant is 2.31 nM.