

For Research Use Only

# TMEM35 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86724-1-PBS



## Basic Information

<b>Catalog Number:</b> 86724-1-PBS	<b>GenBank Accession Number:</b> BC078658	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 59353	<b>CloneNo.:</b> 251680G5
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q53FP2	
<b>Immunogen Catalog Number:</b> AG20589	<b>Full Name:</b> transmembrane protein 35	
	<b>Calculated MW:</b> 167 aa, 18 kDa	
	<b>Observed MW:</b> 20 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IP, Indirect ELISA

**Species Specificity:**  
human, mouse, rat, pig

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

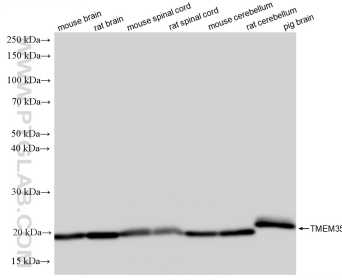
T: 4006900926

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

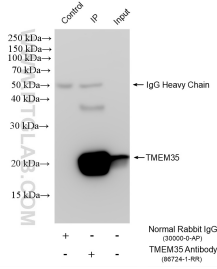
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

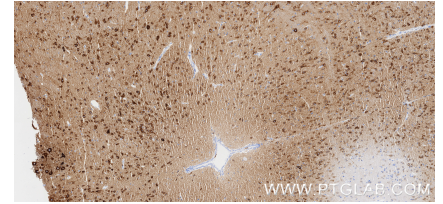
## Selected Validation Data



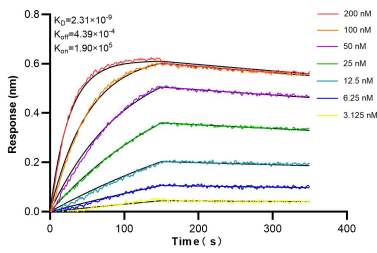
Various lysates were subjected to SDS PAGE followed by western blot with 86724-1-RR (TMEM35 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86724-1-PBS in a different storage buffer formulation.



IP result of anti-TMEM35 (IP:86724-1-RR, 4ug; Detection:86724-1-RR 1:5000) with mouse brain tissue lysate 1960 ug. This data was developed using the same antibody clone with 86724-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86724-1-RR (TMEM35 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86724-1-PBS in a different storage buffer formulation.



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