

For Research Use Only

TMEM35 Recombinant monoclonal antibody

Catalog Number: 86724-1-RR



Basic Information

Catalog Number: 86724-1-RR	GenBank Accession Number: BC078658	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 59353	CloneNo.: 251680G5
Source: Rabbit	UNIPROT ID: Q53FP2	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
Isotype: IgG	Full Name: transmembrane protein 35	
Immunogen Catalog Number: AG20589	Calculated MW: 167 aa, 18 kDa	
	Observed MW: 20 kDa	

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 NH₂ 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

***** 20ul sizes contain 0.1% BSA**

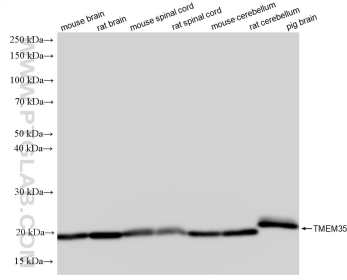
For technical support and original validation data for this product please contact:

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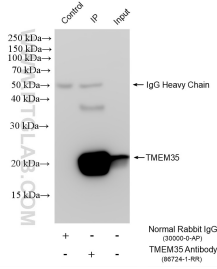
E: proteintech@ptglab.com
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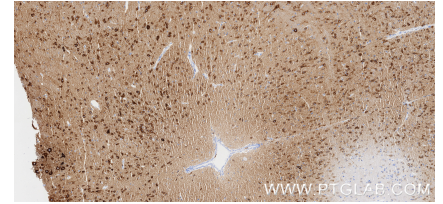
Selected Validation Data



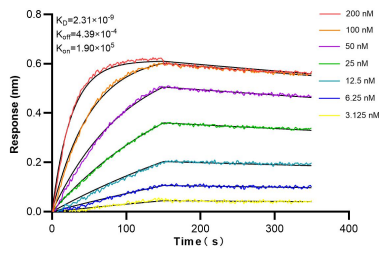
Various lysates were subjected to SDS PAGE followed by western blot with 86724-1-RR (TMEM35 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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