

For Research Use Only

# GRM5 Polyclonal antibody

Catalog Number: 28834-1-AP



## Basic Information

<b>Catalog Number:</b> 28834-1-AP	<b>GenBank Accession Number:</b> NM_001143831	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 750 µg/ml	<b>GeneID (NCBI):</b> 2915	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P41594	
<b>Isotype:</b> IgG	<b>Full Name:</b> glutamate receptor, metabotropic 5	
<b>Immunogen Catalog Number:</b> AG28802	<b>Calculated MW:</b> 132 aa	
	<b>Observed MW:</b> 150 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

Human, mouse, rat

**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,

IHC : mouse brain tissue,

## Background Information

### 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:

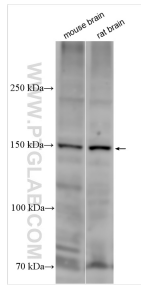
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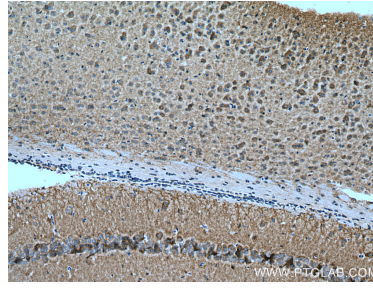
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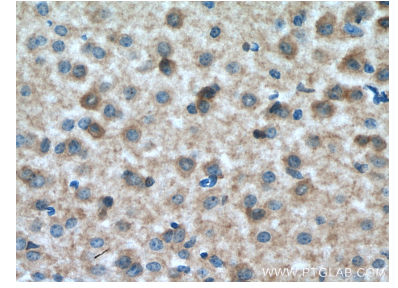
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28834-1-AP (GRM5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28834-1-AP (GRM5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28834-1-AP (GRM5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).