

For Research Use Only

# USMG5 Polyclonal antibody

Catalog Number: 17716-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 17716-1-AP	<b>GenBank Accession Number:</b> BC072683	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop and 480 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84833	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> up-regulated during skeletal muscle growth 5 homolog (mouse)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 58 aa, 7 kDa	
<b>Immunogen Catalog Number:</b> AG12086	<b>Observed MW:</b> 6 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, WB	<b>WB :</b> mouse brain tissue, human liver tissue, human brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> mouse brain tissue, human placenta tissue
<b>Cited Species:</b> mouse	

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
James B Papizan	28872460	J Clin Invest	WB
M Sanson	32499563	Sci Rep	IF

## Storage

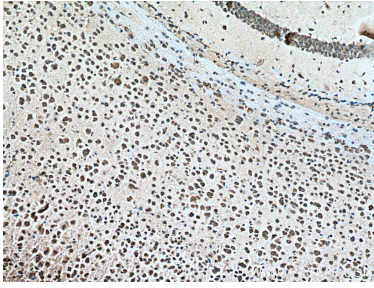
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

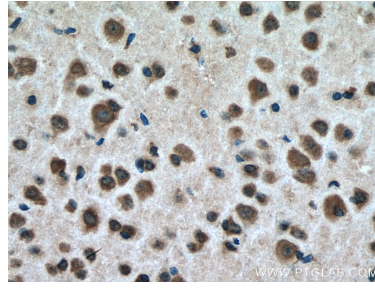
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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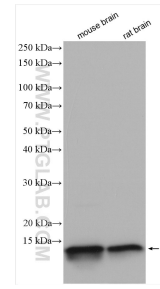
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17716-1-AP (USMG5 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 17716-1-AP (USMG5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 17716-1-AP (USMG5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.