

For Research Use Only

# USMG5 Polyclonal antibody

Catalog Number: 17716-1-AP

4 Publications



## Basic Information

### Catalog Number:

17716-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 480 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12086

### GenBank Accession Number:

BC072683

### GeneID (NCBI):

84833

### UNIPROT ID:

Q96IX5

### Full Name:

up-regulated during skeletal muscle growth 5 homolog (mouse)

### Calculated MW:

58 aa, 7 kDa

### Observed MW:

6 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

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, human liver tissue, human brain tissue, rat brain tissue

IHC : mouse brain tissue, human placenta tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
James B Papizan	28872460	J Clin Invest	WB
M Sanson	32499563	Sci Rep	IF
Chia-Yi Li	39615461	EBioMedicine	WB

## 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

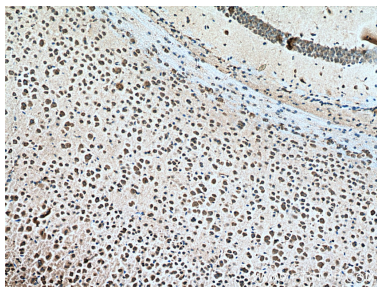
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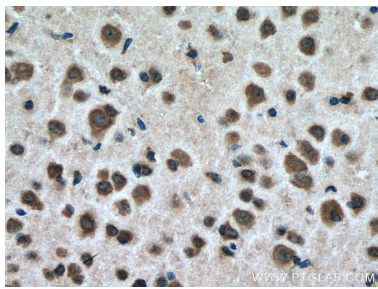
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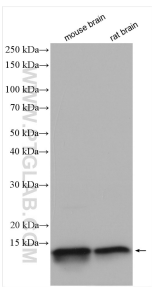
Selected Validation Data



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.