

For Research Use Only

USMG5 Polyclonal antibody

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



Basic Information

Catalog Number:

17716-1-AP

Size:

900 µg/ml

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:

IHC, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

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

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

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

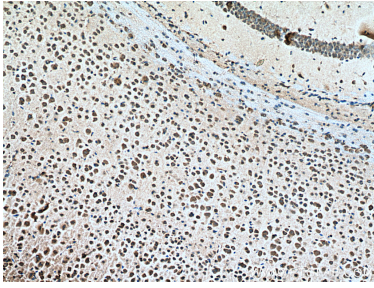
T: 4006900926

E: Proteintech-CN@ptglab.com

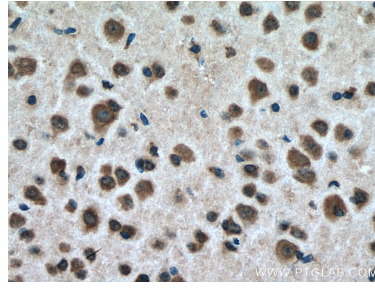
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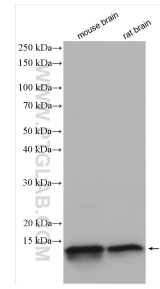
Selected Validation Data



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.