

For Research Use Only

MOBP Polyclonal antibody

Catalog Number: 12472-1-AP

3 Publications



Basic Information

Catalog Number:

12472-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3156

GenBank Accession Number:

BC022471

GeneID (NCBI):

4336

UNIPROT ID:

Q13875

Full Name:

myelin-associated oligodendrocyte basic protein

Calculated MW:

183 aa, 21 kDa

Observed MW:

10 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:300-1:600

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue,

IHC : human gliomas tissue, mouse brain tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Notable Publications

Author	Pubmed ID	Journal	Application
Yushi Yang	34516348	Bioengineered	IHC
Cheng Ju	36603746	Neurobiol Dis	WB
Lukasz Mateusz Szewczyk	27534376	Glia	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

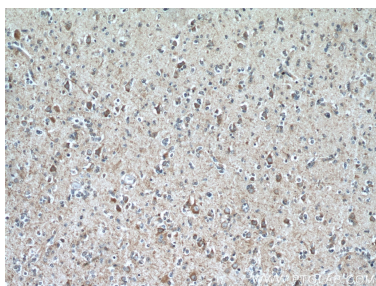
For technical support and original validation data for this product please contact:

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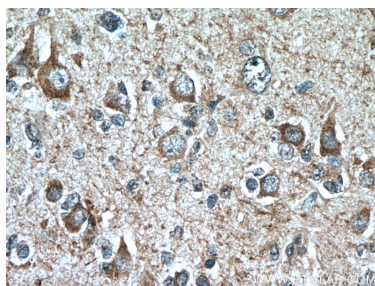
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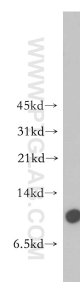
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12472-1-AP (MOBP 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 human gliomas tissue slide using 12472-1-AP (MOBP antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12472-1-AP (MOBP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.