

For Research Use Only

MOBP Polyclonal antibody

Catalog Number: 12472-1-AP **3 Publications**



Basic Information

Catalog Number: 12472-1-AP	GenBank Accession Number: BC022471	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 700 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4336	Recommended Dilutions: WB 1:300-1:600 IHC 1:50-1:500
Source: Rabbit	Full Name: myelin-associated oligodendrocyte basic protein	
Isotype: IgG	Calculated MW: 183 aa, 21 kDa	
Immunogen Catalog Number: AG3156	Observed MW: 10 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: mouse brain tissue, IHC: human gliomas tissue, mouse brain tissue
Cited Applications: IHC, WB	
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

Background Information

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

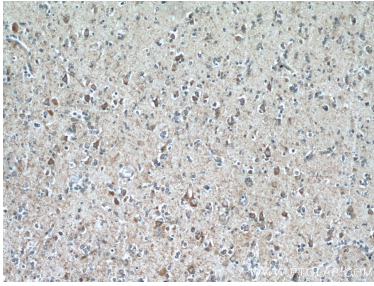
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

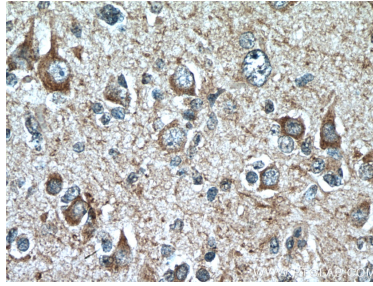
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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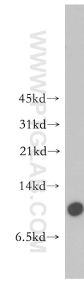
Selected Validation Data



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.