

For Research Use Only

MAG Recombinant antibody

Catalog Number: 86097-1-RR



Basic Information

Catalog Number: 86097-1-RR	GenBank Accession Number: NM_002361.3	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 4099	CloneNo.: 250555A7
Source: Rabbit	UNIPROT ID: P20916-1	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:200-1:800
Isotype: IgG	Full Name: myelin associated glycoprotein	
Immunogen Catalog Number: EG2975	Calculated MW: 69 kDa Observed MW: 100 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse brain tissue, IHC : 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	

Background Information

MAG (myelin associated glycoprotein) is a 100-kDa transmembrane glycoprotein that is a member of the SIGLEC family of proteins. MAG is localized in periaxonal Schwann cell and oligodendroglial membranes of myelin sheaths where it functions in glia-axon interactions (PMID: 17241126). It is a functional ligand for the Nogo-66 receptor (PMID: 12089450). MAG is a cell adhesion molecule for postnatal neural development and is thought to be involved in the process of myelination.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

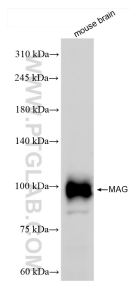
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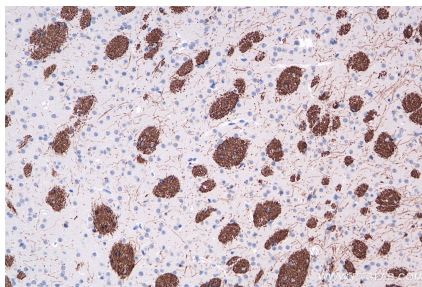
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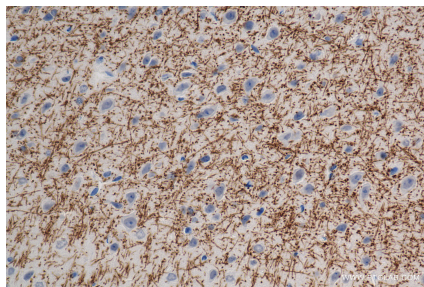
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 86097-1-RR (MAG antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86097-1-RR (MAG antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86097-1-RR (MAG antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).