

Rabbit anti-Mouse, Rat MBP Polyclonal Antibody | anti-MBP antibody

MBP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174517	Rabbit	Mouse, Rat	Immunohistochemistry, Western Blot

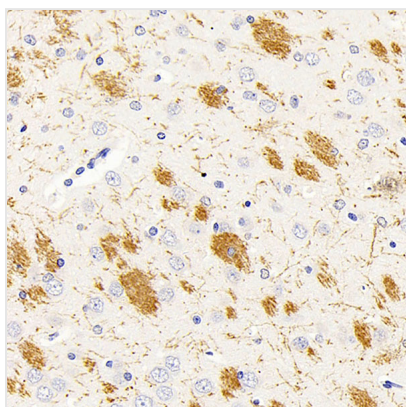
PRODUCT SYNONYMS

MBP; Polyclonal Antibody; MBP Polyclonal Antibody; GDB; Golli MBP; myelin basic protein; Hemopoietic MBP; HMBPR; HUGO; MBP_CAVPO; MGC99675; MLD; Myelin A1 protein; Myelin A1 Protein; basic; Myelin basic protein; Myelin Deficient; Myelin membrane encephalitogenic protein; OTTHUMP00000163776; OTTHUMP00000174387; OTTHUMP00000174388; SHI; Shiverer; SP; anti-MBP antibody

PRODUCT SPECIFICATIONS

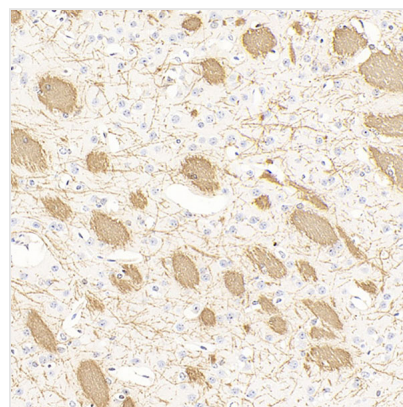
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	300 mug/mL (varies by lot)
Sequence Length	195
Applicable Applications for anti-MBP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Myelin Basic Protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



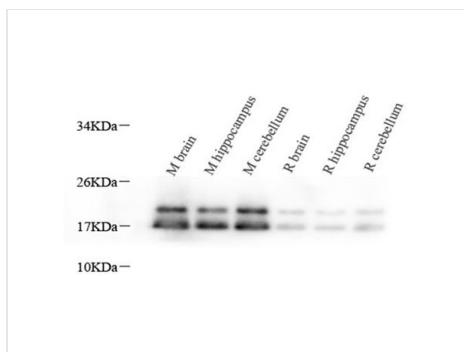
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat brain using MBP Polyclonal Antibody at dilution of 1:500.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse brain using MBP Polyclonal Antibody at dilution of 1:300.



WB (Western Blot)

Western Blot analysis of various samples using MBP Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-MBP antibody	MBP belongs to the myelin basic protein family. The classic group of MBP isoforms (isoform 4-isoform 14) are the most abundant protein components of the myelin membrane in the CNS. They have a role in both its formation and stabilization. The smaller isoforms might have an important role in remyelination of denuded axons in multiple sclerosis. The non-classic group of MBP isoforms (isoform 1-isoform 3/Golli-MBPs) may preferentially have a role in the early developing brain long before myelination, maybe as components of transcriptional complexes, and may also be involved in signaling pathways in T-cells and neural cells. MBP has six isoforms.
Product Categories/Family for anti-MBP antibody	Cancer; Neuroscience; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	69885018
NCBI GeneID	17196
NCBI Accession #	NP_001020416.1
NCBI GenBank Nucleotide #	NM_001025245.1
UniProt Accession #	P04370; Q01585; Q03139; Q03176; Q61836; Q61837; Q99KE4; Q9QWP1
Molecular Weight	Calculated: 17-22kDa Observed: 17-22kDa
NCBI Official Full Name	Golli-Mbp isoform 2
NCBI Official Synonym Full Names	myelin basic protein
NCBI Official Symbol	Mbp
NCBI Official Synonym Symbols	jve; mld; shi; Hmbpr; C76307; R75289; golli-mbp
NCBI Protein Information	myelin basic protein; Golli-Mbp
UniProt Protein Name	Myelin basic protein
UniProt Gene Name	Mbp
UniProt Synonym Gene Names	Shi; MBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mbp-antibody-immunohistochemistry-western-blot-elisa/174517>