

Rabbit anti-Human Myelin Basic Protein Monoclonal Antibody | anti-MBP antibody

Myelin Basic Protein Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312401	Rabbit	Human	Immunohistochemistry, Western Blot

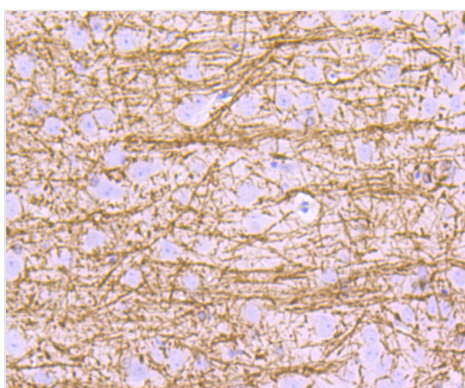
PRODUCT SYNONYMS

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

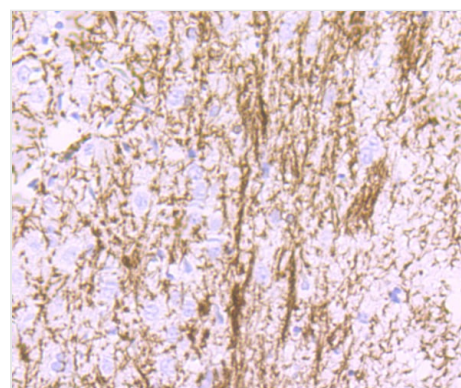
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JF0943
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MBP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Myelin Basic Protein antibody. Counter stained with hematoxylin.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Myelin Basic Protein antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-MBP antibody	Myelin basic protein (MBP) is the major extrinsic membrane protein of central nervous system myelin. MBP phosphorylation at Threonine 125 is a complex regulatory process that modulates the contribution of MBP to the stability of the myelin sheath. Mitogen-activated protein kinases modulate MBP phosphorylation during myelinogenesis and in the demyelinating disease multiple sclerosis. MBP phosphorylation is regulated by high-frequency stimulation but not low-frequency stimulation of the alveus, the myelinated output fibers of the hippocampus. It is proposed that during periods of increased neuronal activity, calcium activates axonal nitric oxide synthase, which generates the intercellular messengers nitric oxide and superoxide and regulates the phosphorylation state of MBP by MAPK.
Product Categories/Family for anti-MBP antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	1162922
NCBI GeneID	4155
UniProt Accession #	P02686; Q15337; Q15338; Q15339; Q15340; A4FU54; A6NI84; A8MY86; A8MYL4; B3KY66; B7ZKS2; B7ZKS4
Molecular Weight	33,117 Da
NCBI Official Full Name	myelin basic protein
NCBI Official Synonym Full Names	myelin basic protein
NCBI Official Symbol	MBP
NCBI Protein Information	Golli-MBP; myelin basic protein; myelin A1 protein; myelin membrane encephalitogenic protein
UniProt Protein Name	Myelin basic protein
UniProt Gene Name	MBP
UniProt Synonym Gene Names	MBP
UniProt Entry Name	MBP_HUMAN

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/monoclonal/myelin-basic-protein-antibody-clone-jf0943-immunohistochemistry-western-blot-elisa/312401>