Myelin Basic Protein (MBP) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Myelin Basic Protein (MBP), Polyclonal Antibody
Full Product Name	Myelin Basic Protein (MBP)
Product Gene Name	anti-MBP antibody
Product Synonym Names	Myelin Basic Protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.4, 0.2% BSA, 0.09% sodium azide.
Purity/Purification	Purified
Specificity	Recognizes human Myelin Basic Protein.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	Myelin basic protein isolated from human brain
Cellular Localization	Cytoplasmic
Positive Control	Brain
Product Categories/Family for anti-MBP antibody	Antibodies-Primary; Antibodies-Myelin
Applications Tested/Suitable for anti-MBP antibody	Immunohistochemistry (IHC)
Application Notes for anti-MBP antibody	Immunohistochemistry (Formalin/paraffin): 1:100-1:200 for 30 minutes at RT. No special pretreatment is required for the immunohistochemical staining of formalin/paraffin tissues.
Related Product Information for anti-MBP antibody	Myelin basic protein accounts for about 30% of the proteins in myelin from the central nervous system. It is best known for its capacity to induce experimental allergic encephalomyelitis (EAE), a T-lymphocyte mediated disease due to delayed-type hypersensitivity; though each animal species appears to respond to a different fragment of the 170aa polypeptide. Myelin basic protein is expressed in oligodendrocytes, myelin of white matter in the brain and spinal cord and in peripheral nerves.
Other Notes	Small volumes of anti-MBP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MBP purchase	MBS6507989 is an antibody targeting MBP. Also known as Myelin Basic Protein (MBP). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MBP. It may not necessarily be applicable to this product.

Protein Family	Myelin basic protein

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