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Myelin Basic Protein Rabbit mAb

Catalog # AP75759

Specification

Myelin Basic Protein Rabbit mAb - Product Information

Application	**WB**
Primary Accession	P02686
Reactivity	**Human, Rat, Hamster**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**33117**

Myelin Basic Protein Rabbit mAb - Additional Information

Gene ID 4155

Other Names
MBP

Dilution
WB~~1/500-1/1000

Format
Liquid

Myelin Basic Protein Rabbit mAb - Protein Information

Name MBP

Function
The classic group of MBP isoforms (isoform 4-isoform 14) are with PLP 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. Differential splicing events combined with optional post-translational modifications give a wide spectrum of isomers, with each of them potentially having a specialized function. Induces T-cell proliferation.

Cellular Location
Myelin membrane; Peripheral membrane protein; Cytoplasmic side. Note=Cytoplasmic side of myelin

Tissue Location
MBP isoforms are found in both the central and the peripheral nervous system, whereas Golli-MBP isoforms are expressed in fetal thymus, spleen and spinal cord, as well as in cell lines derived from the immune system.

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Myelin Basic Protein Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Myelin Basic Protein Rabbit mAb - Images