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MBP Polyclonal Antibody

Cat #: G-AB-05406

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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. Catalog#10458-1-AP is capable of recognizing multiple isoforms of MBP.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to Mouse Myelin Basic Protein

Conjugation: Unconjugated

Swissprot: P04370,P02688

Calculated Molecular Weight: 17-22 kDa

Observed Molecular Weight: 17-22 kDa

Concentration: 300 g/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,IHC

Dilution: WB 1:500-1:1000, IHC 1:200-1:600

Storage: Store at -20°C. Avoid freeze / thaw cycles.