

## MBP Polyclonal Antibody

**Catalog No.** E-AB-70266

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

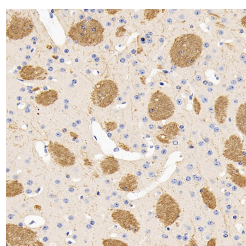
### Description

<b>Reactivity</b>	Mouse,Rat
<b>Immunogen</b>	Recombinant protein corresponding to Mouse Myelin Basic Protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

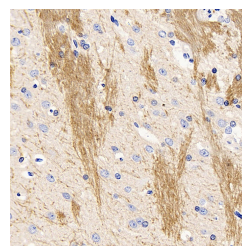
### Applications Recommended Dilution

**IHC** 1:300-1:1000

### Data



Immunohistochemistry analysis of paraffin-embedded mouse brain using MBP Polyclonal Antibody at dilution of 1:600.



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

### Preparation & Storage

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

### Background

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.

### For Research Use Only