MBP Polyclonal Antibody

catalog number: E-AB-70265

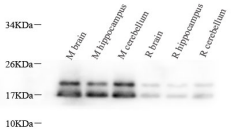
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Myelin Basic Protein
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:200-1:600

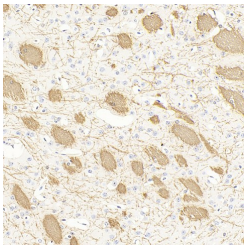
Data



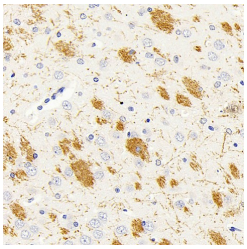
Western Blot analysis of various samples using MBP Polyclonal Antibody at dilution of 1:1000.

Observed-MV:17-22 kDa

Calculated-MV:17-22 kDa



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



Immunohistochemistry analysis of paraffin-embedded rat brain using MBP Polyclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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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.

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