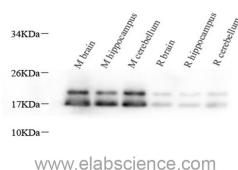


MBP Polyclonal Antibody

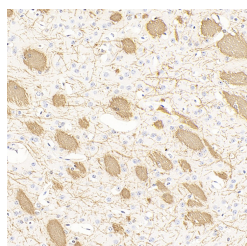
Catalog No.	E-AB-70265	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

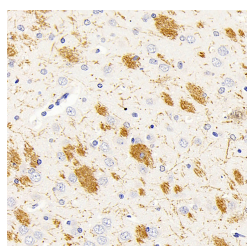
Images



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



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.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Myelin Basic Protein
Swissprot	P04370,P02688
Synonyms	MBP, entrez:4155, myelin basic protein

Product Information

Calculated MW	17-22kDa
Observed MW	17-22kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:1000, IHC 1:200-1:600

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.