Product Datasheet

MBP Antibody

Catalog No: #32374

Package Size: #32374-1 50ul #32374-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

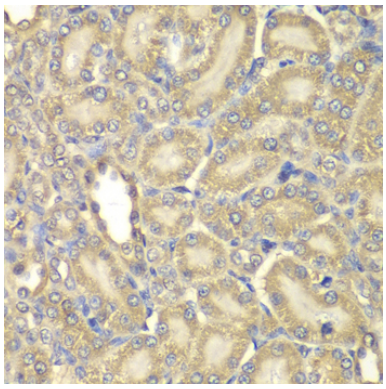
Description

Product Name	MBP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MBP protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MBP.
Target Name	MBP
Other Names	MGC99675;
Accession No.	Swiss-Prot:P02686NCBI Gene ID:4155
Uniprot	P02686
GeneID	4155;
SDS-PAGE MW	33KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

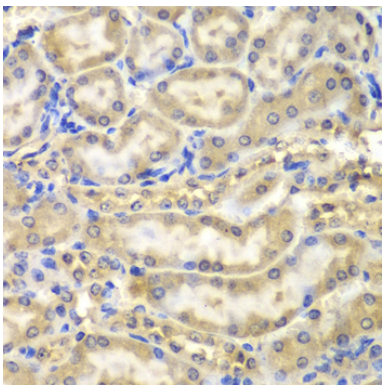
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

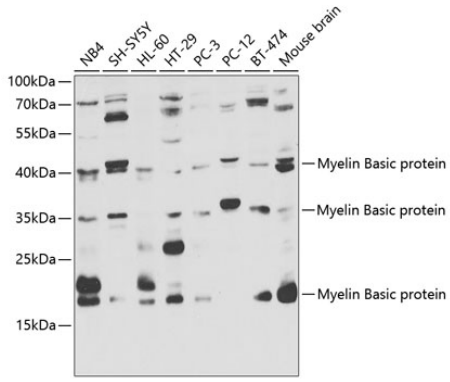
Images



Immunohistochemistry of paraffin-embedded rat kidney using Myelin Basic protein at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using Myelin Basic protein at dilution of 1:200 (40x lens).



Western blot analysis of extracts of various cell lines, using Myelin Basic protein at 1:1000 dilution.

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. This is a rabbit polyclonal antibody raised against the full-length of human MBP,and is capable of recognizing multiple isoforms of MBP.

Note: This product is for in vitro research use only