

## MBP (phospho-T232) polyclonal antibody

Catalog: BS64165

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

Myelin basic protein (MBP) is an abundant central nervous system (CNS) myelin membrane protein that plays an important role in nerve myelination. Myelin sheaths are multi-layered membranes derived from oligodendrocytes that increase the conduction velocity of axonal impulses. MBP helps to adhere the cytoplasmic leaflets of adjacent oligodendrocyte membranes to one another. Several splice variants of MBP are expressed in cells and the protein is modified following translation (i.e. phosphorylation, methylation), which suggests additional membrane adhesion functions.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 12-18 kDa

### Swiss-Prot:

P02686

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

MBP (phospho-T232) polyclonal antibody detects endogenous levels of MBP protein only when phosphorylated at T232..

### DATA:



Western blot (WB) analysis of MBP (phospho-T232) polyclonal antibody at 1:500 dilution

Lane1:The Brain tissue lysate of Mouse(20ug)

Lane2:The Brain tissue lysate of Rat(20ug)

### Note:

For research use only, not for use in diagnostic procedure.

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