



RABBIT ANTI-MYELIN BASIC PROTEIN POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB5864
LOT NUMBER:	
QUANTITY:	50 µL
SPECIFICITY:	Recognizes Myelin Basic Protein (MBP) in demyelinated nerve tissues. Immunohistochemistry analysis of lesioned rat spinal cord shows a high level of specificity for this antiserum.
IMMUNOGEN:	Synthetic peptide corresponding to amino acids 69-86 of the guinea pig protein.
APPLICATIONS:	Immunohistochemistry: 1:2,000. Immunostains myelin basic protein of abnormal appearing oligodendrocytic processes and cell bodies in demyelinating areas. The antibody recognizes only areas of myelin degeneration when tested in injured spinal cord and lesioned sciatic nerve. It also stains discrete white matter in brain of multiple system atrophy Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Human and rat. Other species have not been tested.
FORMAT:	Rabbit serum.
PRESENTATION:	Lyophilized, no preservatives. Reconstitute with 50 µL of sterile distilled water. Centrifuge to remove any residue.
STORAGE/HANDLING:	Maintain at -20 to -70°C in undiluted aliquots for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles. Glycerol (ACS grade or better) can be added (1:1) for additional stability.
REFERENCES:	Matsuo, A., et al., <i>Am. J. Pathol.</i> (1997) 150(4) :1253-1266. Clark, B., et al., <i>Journal of Neurotrauma</i> (2003) 20 :681-695.

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