Myelin Basic Protein Rabbit pAb

db5475 **Package : 20μL 50μL 100μL**

Product Name : Myelin Basic Protein Rabbit pAb
Cat.No.: db5475
Synonyms : MBP; Myelin A1 protein; Myelin membrane encephalitogenic protein
Application : WB, IHC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	The protein encoded by the classic MBP gene is a major constituent of the myelin sheath of oligodendrocytes and Schwann cells in the nervous system. However, MBP-related transcripts are also present in the bone marrow and the immune system. These mRNAs arise from the long MBP gene (otherwise called "Golli-MBP") that contains 3 additional exons located upstream of the classic MBP exons. Alternative splicing from the Golli and the MBP transcription start sites gives rise to 2 sets of MBP-related transcripts and gene products. The Golli mRNAs contain 3 exons unique to Golli-MBP, spliced in-frame to 1 or more MBP exons. They encode hybrid proteins that have N-terminal Golli aa sequence linked to MBP aa sequence. The second family of transcripts contain only MBP exons and produce the well characterized myelin basic proteins. This complex gene structure is conserved among species suggesting that the MBP transcription unit is an integral part of the Golli transcription unit and that this arrangement is important for the function and/or regulation of these genes. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human Myelin Basic Protein
Gene ID	4155
Swiss Prot	P02686
Synonyms	MBP; Myelin A1 protein; Myelin membrane encephalitogenic protein
Reactivity	Human, Mouse, Rat
Application	WB, IHC
Recommended dilution	WB: 1:1000 IHC: 1:500
Calculated MW	33 kDa
Observed MW	18 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.