

DNAxPAb

Hard-to-Find
Antibody

MBP DNAxPab

Catalog # H00004155-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MBP DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MASQKRPSQRHGSKYLATASTMDHARHGFLPRHRDTGILDSIGRFFGGDRGAPKRGSGKDSHHP ARTAHYGSLPQKSHGRTQDENPVVHFFKNMTPRTPPPSQGKGAEGQRPFGFGYGGRASDYKSAH KGFKGVDAQGTLSKIFKLGGDRSRSGSPMARR
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MBP

Entrez GeneID	4155
GeneBank Accession#	NM_001025092.1
Protein Accession#	NP_001020263.1
Gene Name	MBP
Gene Alias	MGC99675
Gene Description	myelin basic protein
Omim ID	159430
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by the classic MBP gene is a major constituent of the myelin sheath of oligo dendrocytes 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]
Other Designations	Golli-mbp OTTHUMP00000174383 OTTHUMP00000174384 OTTHUMP00000174385 OTTHUMP00000174386

Disease

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