

Product Datasheet

Myelin Basic Protein Antibody

Catalog No: CY6601

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P02686

All Names: MGC99675; MBP; Myelin basic protein; HUGO; MLD; GDB;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 18 kDa

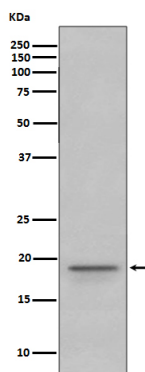
Application

WB 1:500~1:2000

IHC 1:50~1:200

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.



Western blot analysis of Myelin Basic Protein expression in Human fetal brain lysate.

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