

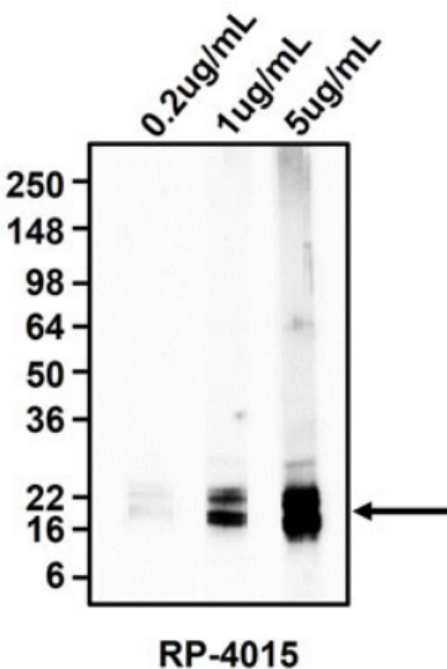
PRODUCT DATASHEET

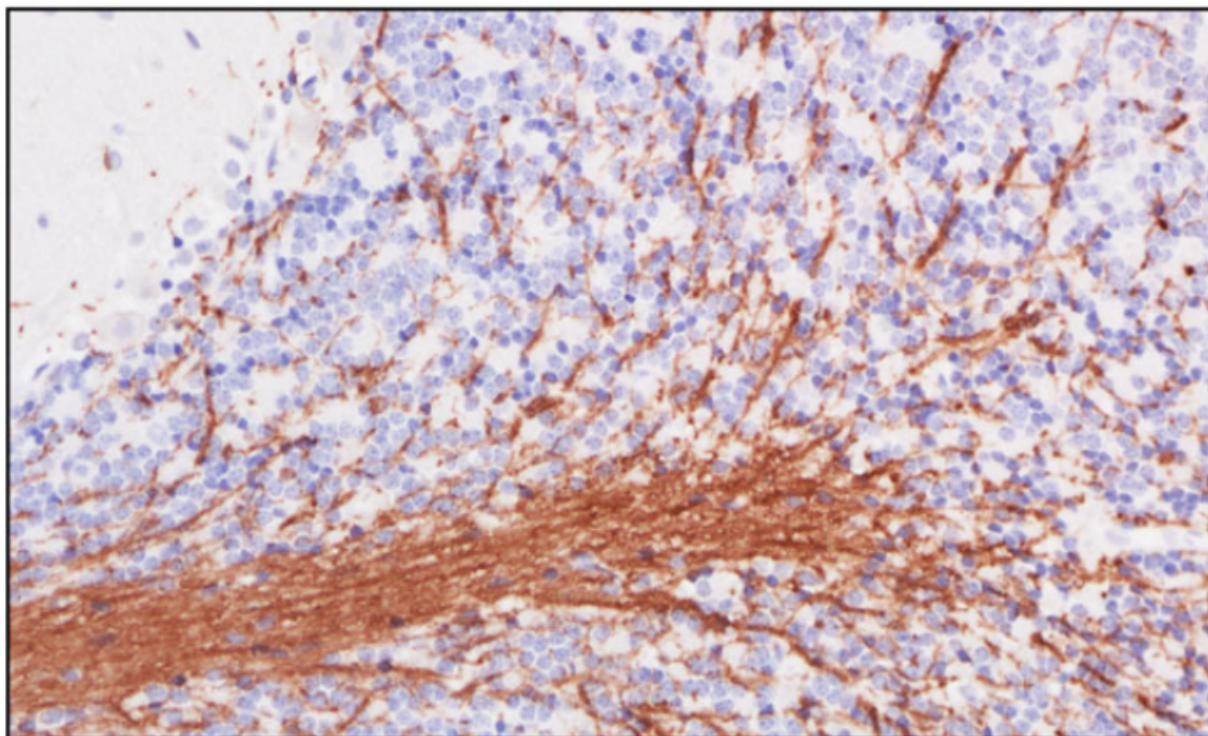
Anti-Myelin Basic Protein (MBP) Antibody

Overview

Catalog #	RP-4015 (100 μ L size) or RP-4015-020 (20 μ L size)
Conjugate	Unconjugated
Isotype	IgG
Concentration	1 mg/mL
Host Species	Rabbit Polyclonal
Format	Purified by Protein A Chromatography
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Applications	IHC, ICC, WB, ELISA
Species Reactivity	Human
Molecular Weight	20 kDa
Cite this Antibody	Pel-Freez Biologicals Cat# RP-4015, RRID: AB_3095398

Figures





Western blotting of rat brain homogenates using Representative sections of formalin fixed, paraffin-embedded rat 0.2 ug/mL, 1 ug/mL, or 5 ug/mL rabbit polyclonal anti- brain showing staining of Myelin Basic Protein (MBP). The Myelin Basic Protein (MBP) (RP-4015). RP-4015 rabbit sections were stained with rabbit polyclonal anti-MBP antibody anti-MBP recognizes endogenous MBP at 20 kDa. at 1:1000 dilution and detected with anti-mouse HRP.

Details

Target Description	Myelin Basic Protein (MBP) a 19.6 kDa highly basic protein is a major constituent of central nervous system (CNS). This protein is synthesized by oligodendrocyte and Schwann cells. MBP, Proteolipid (PLP), myelin oligodendrocyte glycoprotein (MOG) are primary encephalitogenic target antigens in multiple sclerosis. The gene for MBP is on chromosome 18; the protein localizes to CNS and to various cells of the hematopoietic system. MBP is expressed in oligodendrocyte, myelin of white matter, spinal cord and in peripheral nerves. This antibody stains white matter and oligodendrocyte.
Specificity	No cross-reactivity reported
Purification Method	Prepared from pooled rabbit serum by Protein A affinity chromatography.
Quality Control Tests	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used in Western blot.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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