Anti-Myelin Basic Protein Antibody (A270546)

Specifications:

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Name:	Anti-Myelin Basic Protein Antibody
Description:	Goat polyclonal antibody to Myelin Basic Protein.
Specificity:	This antibody binds to all four of isoforms of Myelin Basic Protein.
Applications:	WB, ICC/IF
Recommended Dilutions:	WB: 1:5,000-1:10,000, ICC/IF: 1:2,000-1:5,000
Reactivity:	Human, Rat, Mouse, Bovine, Porcine
Immunogen:	Native myelin basic protein isolated from bovine brain and purified.
Host:	Goat
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Immunogen affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	Rodents: 14 kDa, 17 kDa, 18.5 kDa, 21.5 kDa. Human: 17.2 kDa, 18.5 kDa, 20.5 kDa, 21.5 kDa.
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:
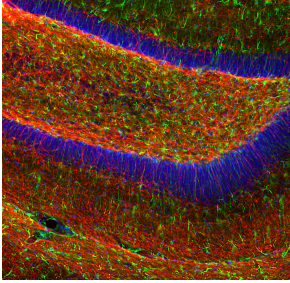
Immunofluorescent analysis of mouse hippocampus section stained using Anti-Myelin Basic Protein Antibody (A270546), at a dilution of 1:5,000, in red. The tissue was co-stained using Anti-GFAP Antibody (A85419), at a dilution of 1:5,000, in green. Nuclear DNA is visualised in blue using Hoechst staining. The Anti-Myelin Basic Protein Antibody (A270546) stains oligodendrocytes and myelin sheathes around axons, while the Anti-GFAP Antibody (A85419) reveals the network of glial cells.
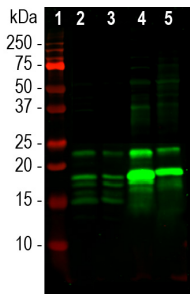
Western blot analysis of different tissue lysates using Anti-Myelin Basic Protein Antibody (A270546), at a dilution of 1:5,000, in green. The lanes contain samples of: [1] Protein standards, in red, [2] rat cerebellum, [3] mouse cerebellum, [4] cow midbrain, and [5] pig midbrain. Multiple bands between 15 kDa and 25 kDa correspond to the various alternate transcripts of the single MBP gene.