

# Product Datasheet

## MBP Antibody - BSA Free NBP3-05553-100ul

Unit Size: 100 ul

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-05553-100ul**

MBP Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.035% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50% PBS, 50% glycerol

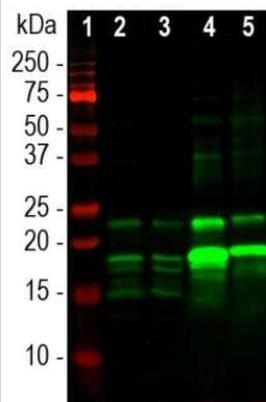
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	4155
<b>Gene Symbol</b>	MBP
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine
<b>Immunogen</b>	Purified MBP isolated from bovine brain

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:5000-10000, Immunocytochemistry/ Immunofluorescence 1:2000-5000

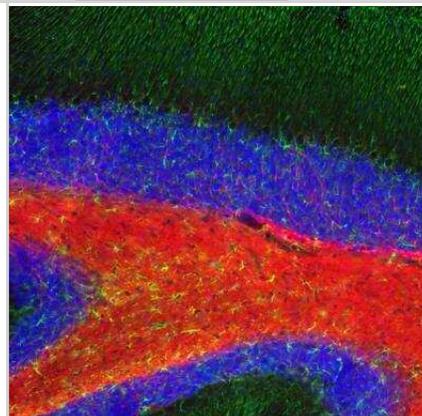


## Images

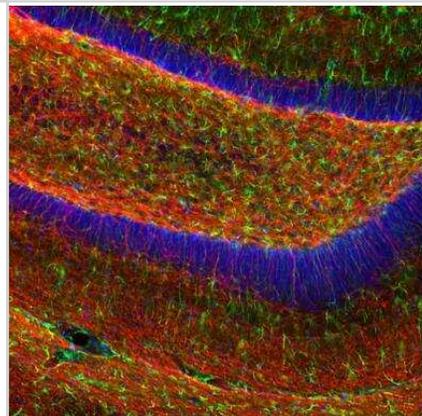
**Western Blot: MBP Antibody [NBP3-05553]** - Western blot analysis of different tissue lysates using MBP Antibody at a dilution of 1:5,000 in green: [1] protein standard (red), [2] rat cerebellum, [3] mouse cerebellum, [4] cow midbrain and [5] pig midbrain. Multiple bands between 15-25 kDa mark correspond to the various alternate transcripts of the single MBP gene.



**Immunocytochemistry/Immunofluorescence: MBP Antibody [NBP3-05553]** - Immunofluorescent analysis of mouse hippocampus section stained with MBP Antibody at a dilution of 1:5,000 in red, and costained with rabbit pAb to GFAP at a dilution of 1:5,000 in green. The blue is Hoechst staining of nuclear DNA. The MBP antibody stains oligodendrocytes and myelin sheathes around axons, while the GFAP antibody reveals the network of glial cells.



**Immunocytochemistry/Immunofluorescence: MBP Antibody [NBP3-05553]** - Immunofluorescent analysis of mouse hippocampus section stained with MBP Antibody at a dilution of 1:5,000 in red, and costained with rabbit pAb to GFAP at a dilution of 1:5,000 in green. The blue is Hoechst staining of nuclear DNA. The MBP antibody stains oligodendrocytes and myelin sheathes around axons, while the GFAP antibody reveals the network of glial cells.





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### **Products Related to NBP3-05553-100ul**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NBP2-23253	Recombinant Human MBP His Protein
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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