

# Product Datasheet

## MBP Antibody - BSA Free NBP2-33555

Unit Size: 0.1 ml

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

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**NBP2-33555**

MBP Antibody - BSA Free

**Product Information**

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 ml                                                                                                           |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal                                                                                                       |
| <b>Preservative</b>  | 0.02% Sodium Azide                                                                                               |
| <b>Isotype</b>       | IgG                                                                                                              |
| <b>Purity</b>        | Affinity purified                                                                                                |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol                                                                                    |

**Product Description**

|                    |                                                                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Rabbit MBP Antibody - BSA Free (NBP2-33555) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit                                                                                                                                                                                      |
| <b>Gene ID</b>     | 4155                                                                                                                                                                                        |
| <b>Gene Symbol</b> | MBP                                                                                                                                                                                         |
| <b>Species</b>     | Human, Mouse                                                                                                                                                                                |
| <b>Immunogen</b>   | This antibody was developed against a recombinant protein corresponding to amino acids:<br>DENPVVHFFKNIVTPRTPPPSQGKGRGLSLSRFSWGAEGQRPFGYGGGRASD<br>YKSAHKGFKGVDAQGTLSKIFKLGGDRDSRSGSPM      |

**Product Application Details**

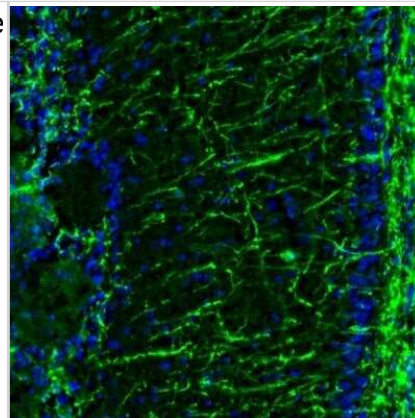
|                              |                                                                                                                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                                |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                            |

**Images**

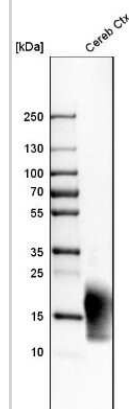
Western Blot: MBP Antibody [NBP2-33555] - Analysis in mouse cerebral cortex tissue.



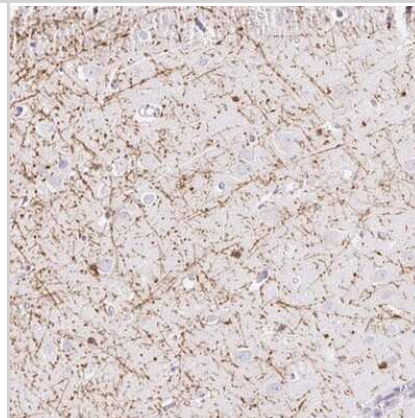
Immunohistochemistry: MBP Antibody [NBP2-33555] - Staining of mouse olfactory bulb shows immunoreactivity in processes in external plexiform layer.



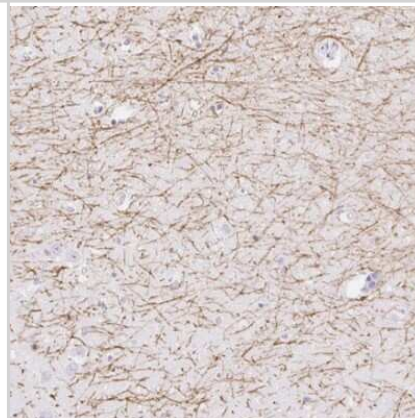
Western Blot: MBP Antibody [NBP2-33555] - Analysis in human cerebral cortex tissue.



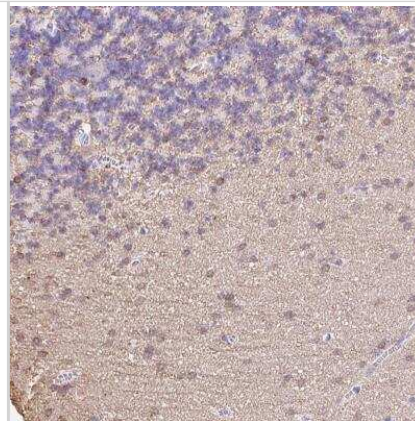
Immunohistochemistry-Paraffin: MBP Antibody [NBP2-33555] - Staining of human cerebral cortex shows positivity in oligodendrocytes.



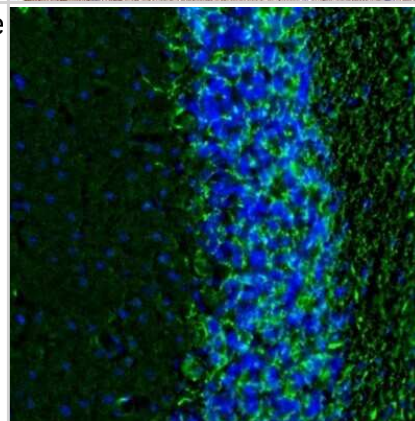
Immunohistochemistry-Paraffin: MBP Antibody [NBP2-33555] - Staining of human hippocampus shows moderate immunoreactivity in myelinated fibers.



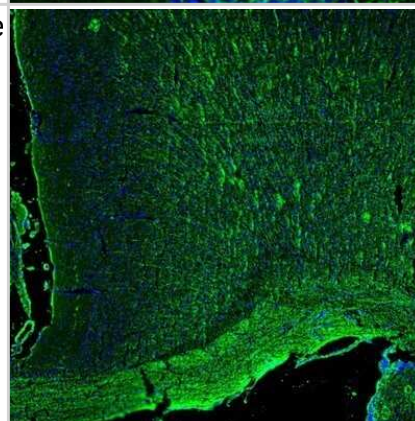
Immunohistochemistry-Paraffin: MBP Antibody [NBP2-33555] - Staining of human cerebellum shows moderate nuclear and cytoplasmic positivity in cells in granular layer.



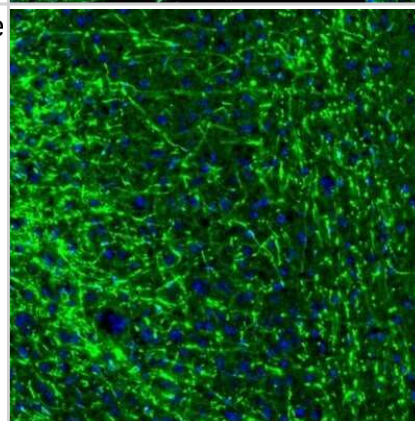
Immunohistochemistry: MBP Antibody [NBP2-33555] - Staining of mouse cerebellum shows immunoreactivity in granular cell layer and in white matter.



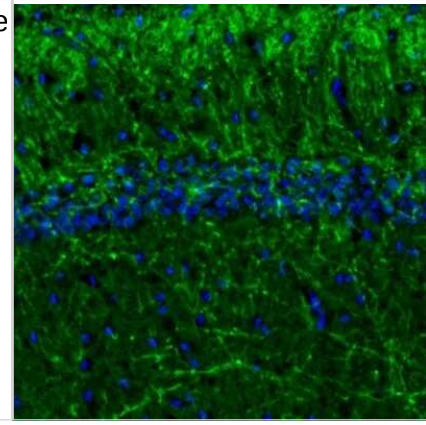
Immunohistochemistry: MBP Antibody [NBP2-33555] - Staining of mouse cerebral cortex shows labeling of neuronal processes in motor cortex and in corpus callosum.



Immunohistochemistry: MBP Antibody [NBP2-33555] - Staining of mouse dorsal tenia tecta shows positivity in neuronal processes.



Immunohistochemistry: MBP Antibody [NBP2-33555] - Staining of mouse hippocampus shows positivity in neuronal processes in the CA1 layer.





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### **Products Related to NBP2-33555**

|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-33555PEP | MBP Recombinant Protein Antigen                     |
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]                 |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

### **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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