

Product Datasheet

MBP Antibody (CL2829) - Azide and BSA Free NBP3-43793

Unit Size: 100 ug

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

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NBP3-43793

MBP Antibody (CL2829) - Azide and BSA Free

Product Information

| | |
|------------------------------------|--|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL2829 |
| Preservative | No Preservative |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose |

Product Description

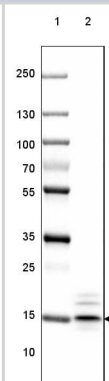
| | |
|--------------------|--|
| Host | Mouse |
| Gene ID | 4155 |
| Gene Symbol | MBP |
| Species | Human, Mouse, Rat |
| Immunogen | This antibody was generated using a recombinant protein sequence of P02686, with the exact immunogen sequence remaining proprietary. |

Product Application Details

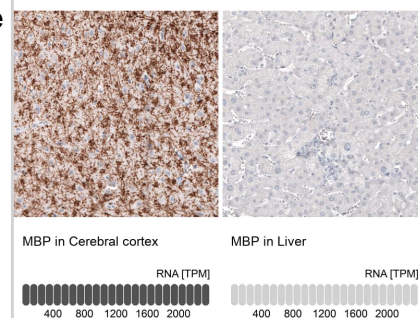
| | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

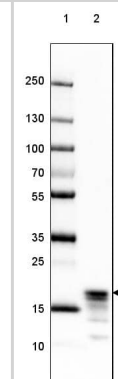
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
 Lane 2: Mouse Cerebral Cortex tissue



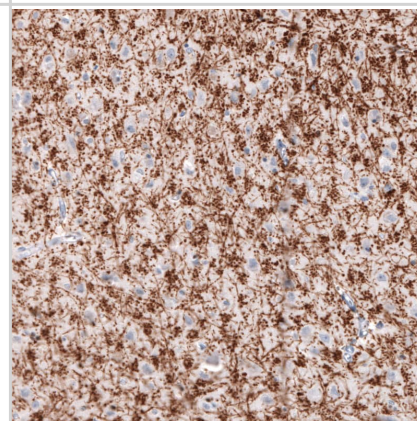
Analysis in human cerebral cortex and liver tissues using NBP3-43793 antibody. Corresponding MBP RNA-seq data are presented for the same tissues.



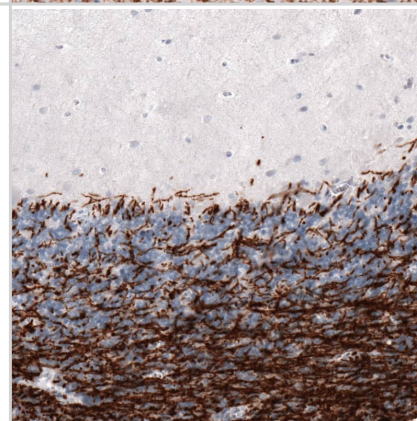
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human Cerebral Cortex tissue



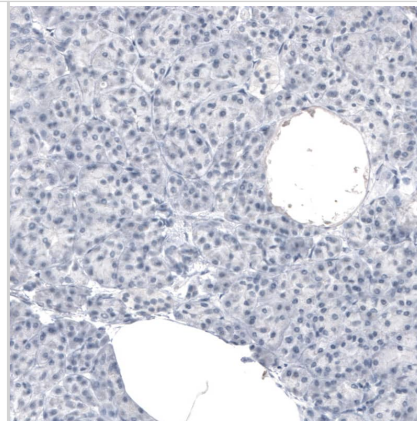
Staining of human cerebral cortex shows strong positivity in myelinated neural fibers.



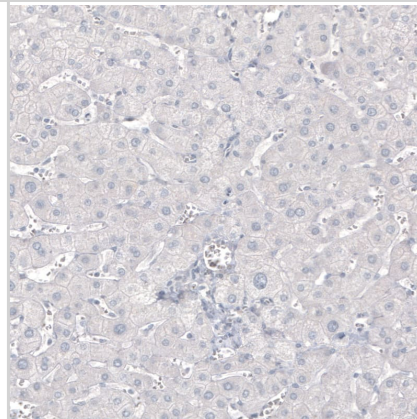
Staining of human cerebellum shows strong positivity in myelinated neural fibers.



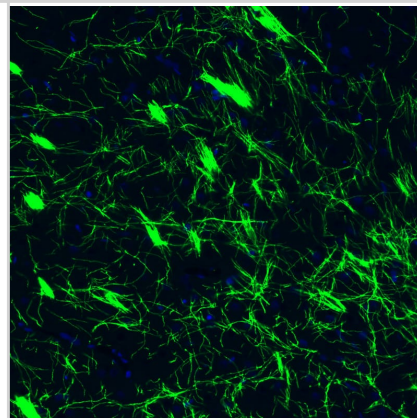
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



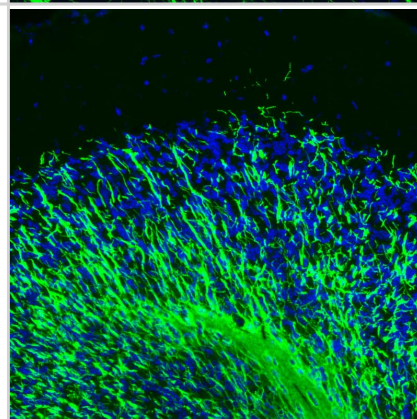
Staining of human liver shows no positivity in hepatocytes as expected.



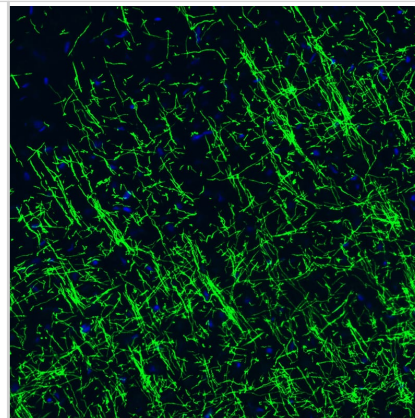
Staining of rat basal forebrain shows strong positivity in myelinated neural fibers.



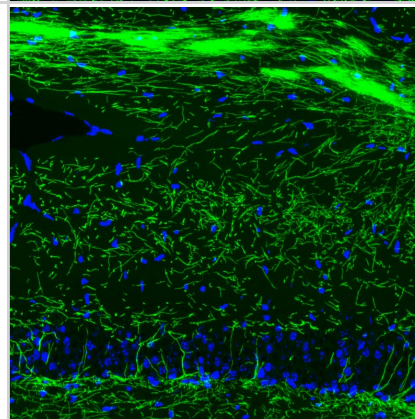
Staining of mouse cerebellum shows strong positivity in myelinated neural fibers.



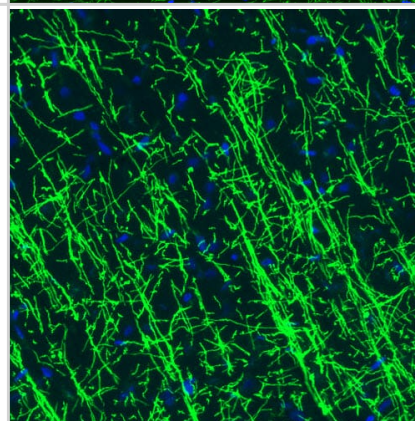
Staining of rat cerebral cortex shows strong positivity in myelinated neural fibers.



Staining of mouse hippocampus shows strong positivity in myelinated neural fibers.



Staining of rat cerebral cortex shows strong immunoreactivity in myelinated fibers.





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Products Related to NBP3-43793

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP2-23253 | Recombinant Human MBP His Protein |

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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