

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.

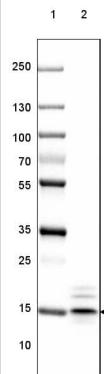
Product Application Details

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.

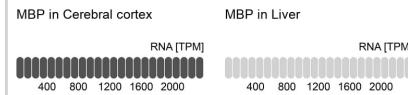
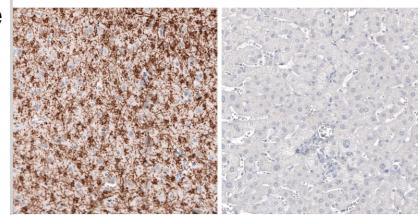
Images

Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10

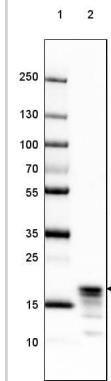
Lane 2: Mouse Cerebral Cortex tissue



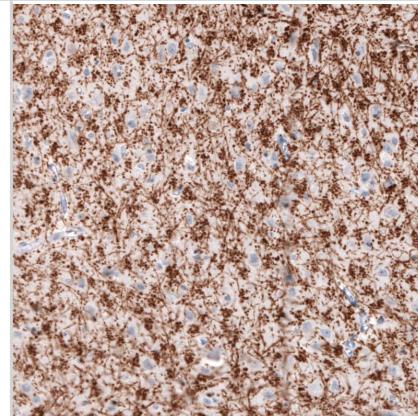
Analysis in human cerebral cortex and liver tissues using NBP3-43793 antibody. Corresponding MBP RNA-seq data are presented for the same tissues.



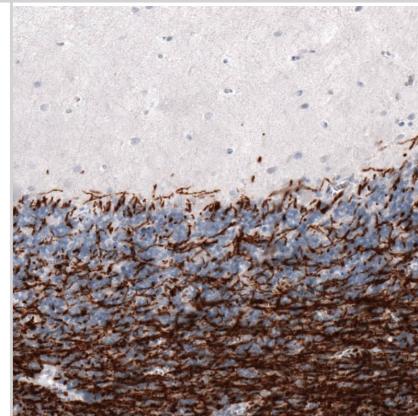
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
 Lane 2: Human Cerebral Cortex tissue



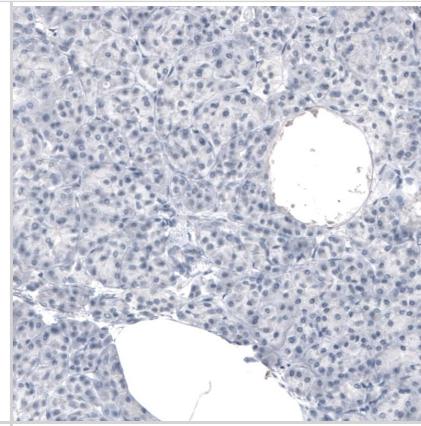
Staining of human cerebral cortex shows strong positivity in myelinated neural fibers.



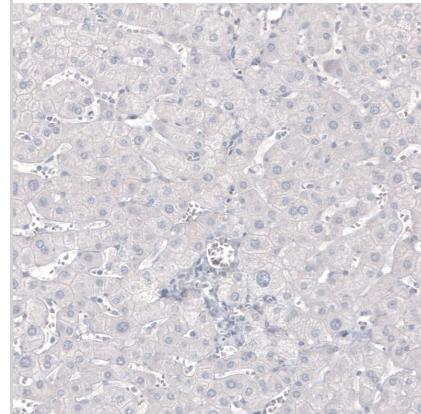
Staining of human cerebellum shows strong positivity in myelinated neural fibers.



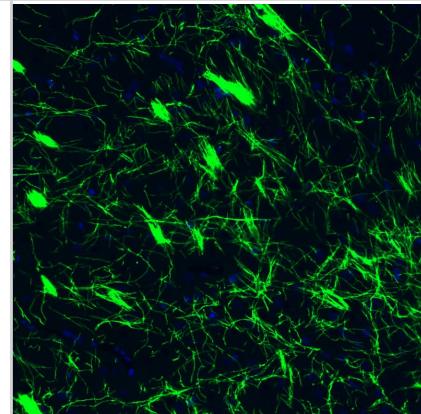
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



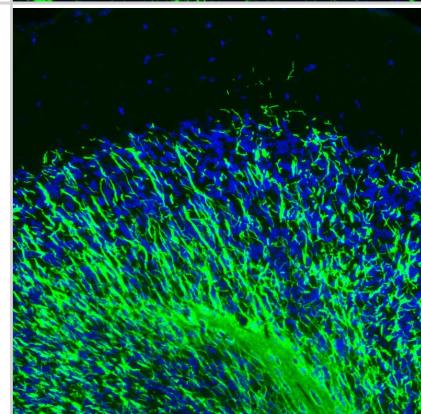
Staining of human liver shows no positivity in hepatocytes as expected.



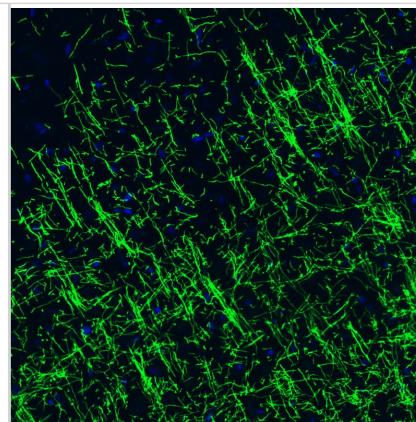
Staining of rat basal forebrain shows strong positivity in myelinated neural fibers.



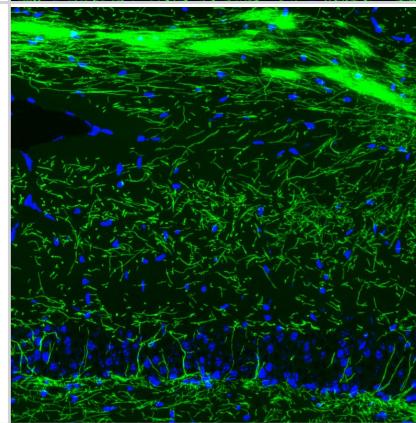
Staining of mouse cerebellum shows strong positivity in myelinated neural fibers.



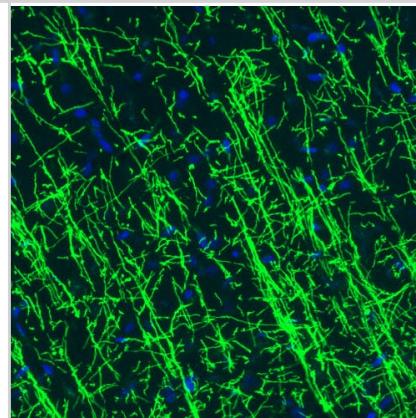
Staining of rat cerebral cortex shows strong positivity in myelinated neural fibers.



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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