

Product Datasheet

Myelin PLP Antibody - BSA Free NBP1-87781

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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NBP1-87781

Myelin PLP Antibody - BSA Free

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

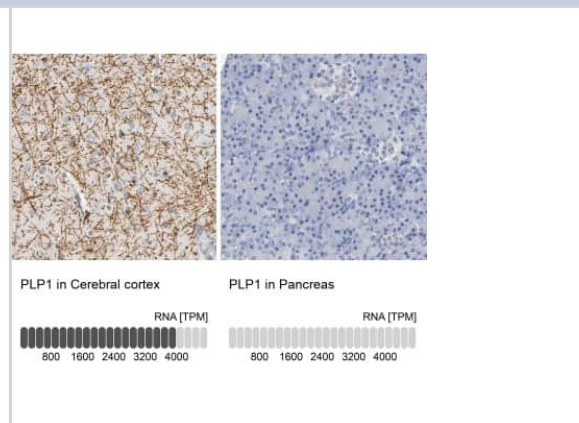
Product Description	
Host	Rabbit
Gene ID	5354
Gene Symbol	PLP1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26209807).
Marker	Oligodendrocyte Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLLAEGFYTTGAVRQIFGDYKTTICGKGLSATVTGGQKGRGSRGQHQHSLER VCHCLGKWLGHDPKDFVGI

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reactivity reported in literature (PMID: 26209807), Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

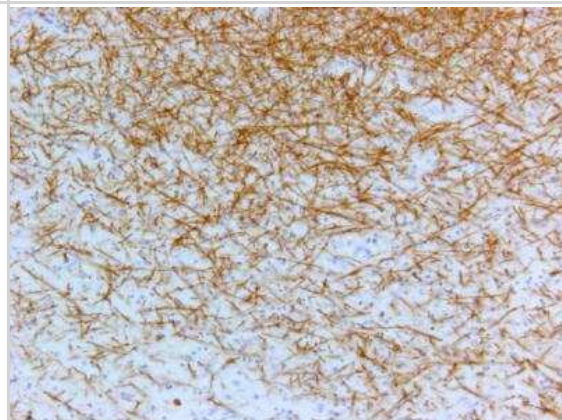


Images

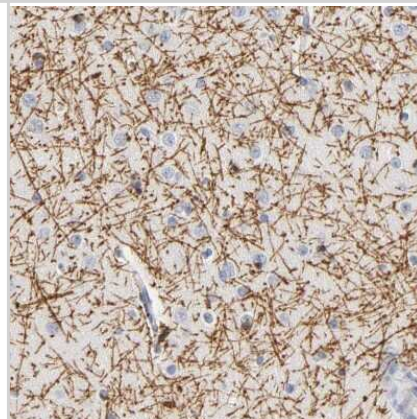
Immunohistochemistry-Paraffin: Myelin PLP Antibody [NBP1-87781] - Staining in human cerebral cortex and pancreas tissues using anti-PLP1 antibody. Corresponding PLP1 RNA-seq data are presented for the same tissues.



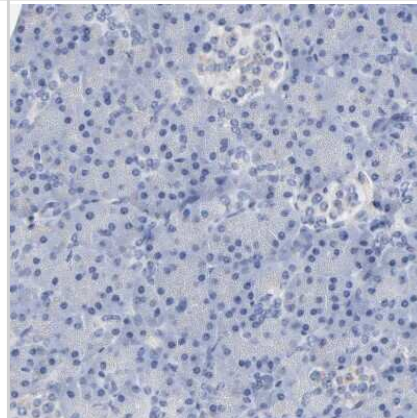
Immunohistochemistry-Paraffin: Myelin PLP Antibody [NBP1-87781] - Border of a demyelinated lesion. Image submitted by a verified customer review.



Immunohistochemistry-Paraffin: Myelin PLP Antibody [NBP1-87781] - Staining of human cerebral cortex shows high expression.



Immunohistochemistry-Paraffin: Myelin PLP Antibody [NBP1-87781] - Staining of human pancreas shows low expression as expected.



Publications

M Horiuchi, Y Suzuki-Hor, T Akiyama, A Itoh, D Pleasure, E Carstens, T Itoh Differing intrinsic biological properties between forebrain and spinal oligodendroglial lineage cells *J. Neurochem.*, 2017-06-09;0(0):. 2017-06-09 [PMID: 28512742]

Kornelius E, Tsou SH, Chang CC et al. Liraglutide Attenuates Glucolipotoxicity-Induced RSC96 Schwann Cells' Inflammation and Dysfunction *Biomolecules* 2022-09-21 [PMID: 36291547] (Immunocytochemistry/Immunofluorescence)

Cifuentes-Diaz C, Canali G, Garcia M et al. Differential impacts of Cntnap2 heterozygosity and Cntnap2 null homozygosity on axon and myelinated fiber development in mouse *Frontiers in Neuroscience* 2023-01-30 [PMID: 36793543] (Western Blot, Block/Neutralize)

Gomez-Pinedo U, Matlas-Guiu JA, Torre-Fuentes L et al. Variant rs4149584 (R92Q) of the TNFRSF1A gene in patients with familial multiple sclerosis *Neurologia (Barcelona, Spain)* 2022-08-10 [PMID: 35963536] (ICC/IF, Human)

Creighton BA, Afriyie S, Ajit D Et al. Giant ankyrin-B mediates transduction of axon guidance and collateral branch pruning factor sema 3A *eLife* 2021-11-23 [PMID: 34812142]

Li Q, Tsuneki M, Krauthammer M et al. Modulation of Sox10, HIF-1a, Survivin, and YAP by Minocycline in the Treatment of Neurodevelopmental Handicaps following Hypoxic Insult. *Am. J. Pathol.* 2015-07-22 [PMID: 26209807] (WB, Mouse)





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Products Related to NBP1-87781

NBP1-87781PEP	Myelin PLP Recombinant Protein Antigen
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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