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MPZ Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51794

Specification

MPZ Antibody - Product Information

Application	**WB**
Primary Accession	P25189
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**28 KDa**
Antigen Region	**61 - 120**

MPZ Antibody - Additional Information

Gene ID 4359

Other Names
Myelin protein P0, Myelin peripheral protein, MPP, Myelin protein zero, MPZ

Target/Specificity
KLH conjugated synthetic peptide derived from human MPZ

Dilution
WB~~ 1:1000

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

MPZ Antibody - Protein Information

Name MPZ

Function
Is an adhesion molecule necessary for normal myelination in the peripheral nervous system. It mediates adhesion between adjacent myelin wraps and ultimately drives myelin compaction.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Found only in peripheral nervous system Schwann cells

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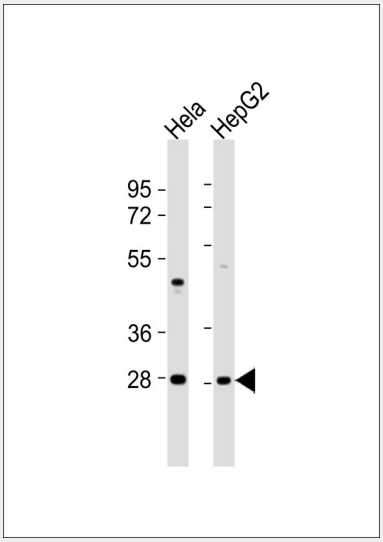
MPZ Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MPZ Antibody - Images



All lanes : Anti-MPZ Antibody at 1:1000 dilution Lane 1: Hela whole cell lysates Lane 2: HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

MPZ Antibody - Background

Creation of an extracellular membrane face which guides the wrapping process and ultimately compacts adjacent lamellae.

MPZ Antibody - References

Hayasaka K.,et al.Biochem. Biophys. Res. Commun. 180:515-518(1991).
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Pham-Dinh D.,et al.Hum. Mol. Genet. 2:2051-2054(1993).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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