

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 encompassing a sequence within the center region of human MPZ. The exact sequence is proprietary.

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

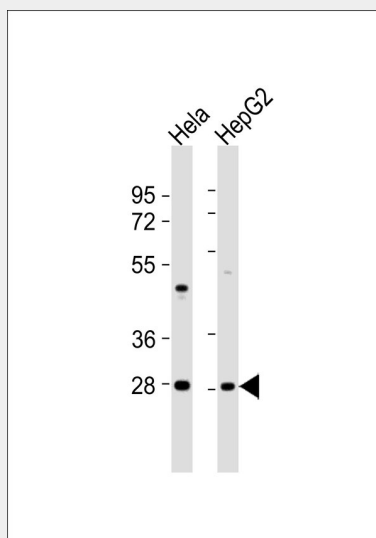
Found only in peripheral nervous system Schwann cells

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 Cytometry](#)
- [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).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.