

# MPZ Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51794

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P25189</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	27555

## Additional Information

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<b>Gene ID</b>	4359
<b>Other Names</b>	Myelin protein P0, Myelin peripheral protein, MPP, Myelin protein zero, MPZ
<b>Target/Specificity</b>	KLH conjugated synthetic peptide derived from human MPZ
<b>Dilution</b>	WB~~ 1:1000
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	MPZ
<b>Function</b>	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.
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	Found only in peripheral nervous system Schwann cells

## Background

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

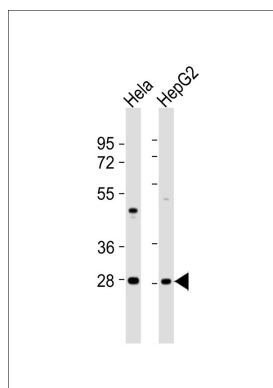
## References

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Hayasaka K.,et al.Biochem. Biophys. Res. Commun. 180:515-518(1991).  
Hayasaka K.,et al.Biochem. Biophys. Res. Commun. 194:1317-1322(1993).  
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.

## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.