

MPZ Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP51794

Product Information

Application	WB
Primary Accession	<u>P25189</u>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27555

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

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

Background

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

References

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



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'.