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Anti-MPZ Antibody

Catalog # AP51794

Product Information

Application	WB
Primary Accession	P25189
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
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	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

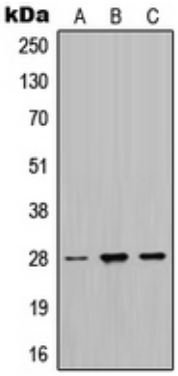
Name	MPZ
Function	Is an adhesion molecule necessary for normal myelination in the peripheral nervous system. It mediates adhesion between adjacent myelin wraps and ultimately drives myelin compaction.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Found only in peripheral nervous system Schwann cells

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



Western blot analysis of MPZ expression in HeLa (A), SP2/0 (B), PC12 (C) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 27 kD)

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