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# EB07944 - Goat Anti-Myelin Protein zero Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** myelin protein zero, myelin protein zero (Charcot-Marie-Tooth neuropathy 1B), MPZ, CHM, CMT1, CMT1B, CMT2I, CMT2J, CMT4E, CMTDI3, DSS,

HMSNIB, MPP, P0
Official Symbol: MPZ

Accession Number(s): NP\_000521.1

Human GeneID(s): 4359

Important Comments: The presence of this PNS protein in Rat Spinal Cord is likely due

to contamination with spinal roots during extraction from the animal.

## **Immunogen**

Peptide with sequence C-DHSRSTKAVSEK, from the internal region (near the C Terminus) of the protein sequence according to NP\_000521.1.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Approx 28kDa band observed in Rat Spinal Cord lysates (calculated MW of 28.5kDa according to Human NP\_000521.1 and of 27.7kDa according to Rat

NP\_058723.1). Recommended concentration: 0.1-0.3µg/ml.

### **Species Reactivity**

Tested: Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB07944 ( $0.1\mu g/ml$ ) staining of Rat Spinal Cord lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.