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Research Use Only. Not for diagnostic or therapeutic use.

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.