

Datasheet for ABIN263160
anti-MPZ antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	MPZ
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MPZ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Myelin Protein zero
Immunogen:	Peptide with sequence C-DHSRSTKAVSEK, from the internal region (near the C Terminus) of the protein sequence according to NP_000521.1.
Sequence:	DHSRSTKAVS EK
Isotype:	IgG
Specificity:	The presence of this PNS protein in Rat Spinal Cord is likely due to contamination with spinal roots during extraction from the animal.
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: MPZ

Alternative Name: MPZ ([MPZ Products](#))

Background: Myelin protein zero, myelin protein zero (Charcot-Marie-Tooth neuropathy 1B) , MPZ, CHM, CMT1, CMT1B, CMT2I, CMT2J, CMT4E, CMTDI3, DSS, HMSNIB, MPP, P0

Gene ID: 4359

NCBI Accession: [NP_000521](#)

Application Details

Application Notes: Western Blot: Approx 28 kDa band observed in Rat Spinal Cord lysates (calculated MW of 28.5 kDa according to Human NP_000521.1 and of 27.7 kDa according to Rat NP_058723.1).
Recommended concentration: 0.1-0.3 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:32000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

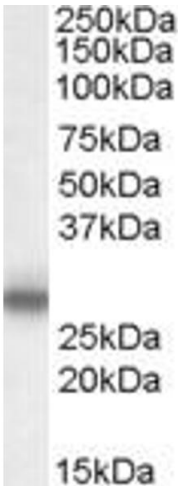


Image 1. ABIN263160 (0.1µg/ml) staining of Rat Spinal Cord lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.