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Datasheet

MPZ polyclonal antibody (A01)

Catalog Number: H00004359-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length recombinant MPZ.

Immunogen: MPZ (AAH06491.1, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag.

Sequence:
MLRAPAPAPAMAPGAPSSSPSPILAVLLFSSLVLSPAQ
AIVVYTDREAHGAVGSRVTLHCSFWSSEWVSDDISFT
WRYQPEGGRDAISIFHYAKGQPYIDEVGTFKERIQWV
GDPRWKDGSIVIHNLDYSDNGTFTCDVKNPPDIVGKT
SQVTLYVFEKVPTRYGVVLGAVIGGVLGVVLLLLLLFYV
VRYCWLRRQAALQRRLSAMEKGKLHKPGKDASKRGR
QTPVLYAMLDHSRSTKAVSEKKAKGLGESRKDKK

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4359

Gene Symbol: MPZ

Gene Alias: CHM, CMT1, CMT1B, CMT2I, CMT2J, CMT4E, CMTDI3, DSS, HMSNIB, MPP, P0

Gene Summary: This gene encodes a major structural protein of peripheral myelin. Mutations in this gene result in the autosomal dominant form of Charcot-Marie-Tooth disease type 1 as other polyneuropathies. [provided by RefSeq]

References:

1. BDNF Exerts Contrasting Effects on Peripheral Myelination of NGF-Dependent and BDNF-Dependent DRG Neurons. Xiao J, Wong AW, Willingham MM, Kaasinen SK, Hendry IA, Howitt J, Putz U, Barrett GL, Kilpatrick TJ, Murray SS. J Neurosci. 2009 Apr 1;29(13):4016-22.