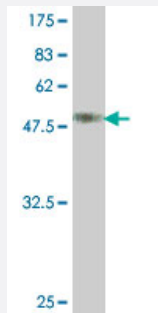


MPZ polyclonal antibody (A01)

Catalog # H00004359-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (54.49 KDa) .

Specification

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	MLRAPAPAPAMAPGAPSSSPSPILAVLLFSSLVLSPAQAMVYTDREAHGAVGSRVTLHCSFWSS EWVSDDISFTWRYQPEGGRDAISIFHYAKGQPYIDEVGTFKERIQWVGDPRWKDGSMIHNLDYSD NGTFTCDVKNPPDIVGKTSQVTLYVFEKVPTRYGVVLGAVIGGVLGVVLLLLLLFYVRYCWLRRQ AALQRRLSAMEKGKLHKPGKDASKRGRQTPVLYAMLDHSRSTKAVSEKKAKGLGESRKDKK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.49 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MPZ

Entrez GeneID [4359](#)

GeneBank Accession# [BC006491](#)

Protein Accession# [AAH06491.1](#)

Gene Name MPZ

Gene Alias CHM, CMT1, CMT1B, CMT2I, CMT2J, CMT4E, CMTD13, DSS, HMSN1B, MPP, P0

Gene Description myelin protein zero

Omim ID [118200](#) [145900](#) [159440](#) [180800](#) [605253](#) [607677](#) [607736](#) [607791](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations Charcot-Marie-Tooth neuropathy 1B|OTTHUMP00000032235

Publication Reference

- [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.

The Journal of Neuroscience 2009 Apr; 29(13):4016.

Application: WB, Mouse, Rat, Dorsal root ganglion neurons, Schwann cells

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Charcot-Marie-Tooth Disease](#)
- [Deafness](#)
- [Demyelinating Diseases](#)
- [Peripheral Nervous System Diseases](#)