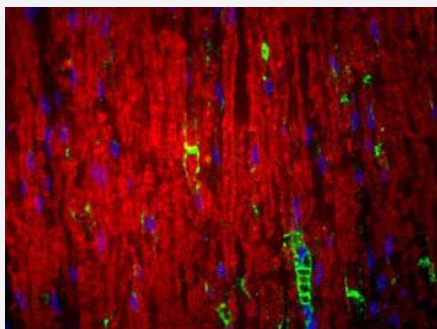


MPZ polyclonal antibody

Catalog # PAB29090 Size 200 ug

Applications



MPZ polyclonal antibody (Cat # PAB29090) was analyzed by immunocytochemical staining (at a concentration of 3 ug/mL). Positively stained Schwann cells (green), counter stained with LAMP (red) and DAPI (blue).

Specification

Product Description	Chicken polyclonal antibody raised against recombinant Human MPZ.
Immunogen	Two different KLH-conjugated synthetic peptides corresponding to different regions of the MPZ gene product, between the human (NP_000521, NCBI) and mouse (NP_032649, NCBI) sequences.
Host	Chicken
Reactivity	Human, Mouse
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgY
Quality Control Testing	Immunocytochemistry MPZ polyclonal antibody (Cat # PAB29090) was analyzed by immunocytochemical staining (at a concentration of 3 ug/mL). Positively stained Schwann cells (green), counter stained with LAMP (red) and DAPI (blue).
Recommend Usage	Immunocytochemistry(1:1000-1:2000) Immunohistochemistry(1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.02% sodium azide)

Storage Instruction

Store at 4°C and avoid from light.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunocytochemistry

Gene Info — MPZ

Entrez GeneID [4359](#)

Protein Accession# [NP_000521](#)

Gene Name MPZ

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

Gene Info — Mpz

Entrez GeneID [17528](#)

Protein Accession# [NP_000521](#)

Gene Name Mpz

Gene Alias Mpp, P-zero, P0

Gene Description	myelin protein zero
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000023997 OTTMUSP00000023998

Pathway

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

Disease

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