

Anti-MPZ antibody

Cat. No.	ml221010
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MPZ rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human MPZ
Reactivity	Human, Mouse, Rat
Content	0.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MPZ
Full name	myelin protein zero
Synonyms	P0; CHM; DSS; MPP; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; CMTDID; HMSNIB
Swissprot	P25189

Target Background

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 and other polyneuropathies. The myelin sheath is a multi-layered membrane, unique to the nervous system, that functions as an insulator to greatly increase the velocity of axonal impulse conduction. The P0 glycoprotein, absent in the central nervous system,[1] is a major component of the myelin sheath in peripheral nerves. It comprises a large extracellular N-terminal domain, a single transmembrane (TM) region, and a smaller positively charged intracellular domain.

订购热线: 4008-898-798

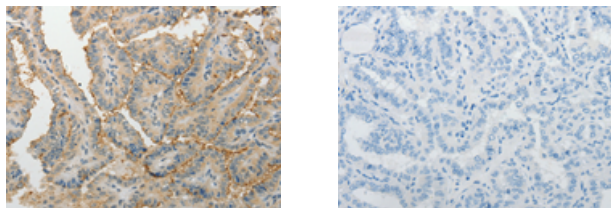
Applications

Immunohistochemistry

Predicted cell location: Cell membrane, Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221010(MPZ Antibody) at dilution 1/5, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-2000

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