

# Myelin Protein Zero (MPZ) Rabbit pAb

货号: **AYP18002**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:1000
理论分子量	27kDa/34kDa
实测分子量	28KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse spinal cord,Rat brain,PC-12
细胞定位	Cell membrane,Myelin membrane,Single-pass type I membrane protein
纯化	Affinity purification

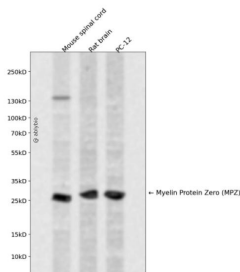
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 30-153 of human Myelin Protein Zero (MPZ) (P25189).
序列	IVVYTDREVGAVGSRVTLHCSFWSEWVSDDISFTWRYQPEGGRDAISIFHYAKGQPYIDEVGTGFKERIQQWVGDPRWK DGSIVIHNLDYSDNGTFTCDVKNPPDIVGKTSQVTLYVFEKVPTR

## 靶点信息

研究背景	This gene is specifically expressed in Schwann cells of the peripheral nervous system and encodes a type I transmembrane glycoprotein that is a major structural protein of the peripheral myelin sheath. The encoded protein contains a large hydrophobic extracellular domain and a smaller basic intracellular domain, which are essential for the formation and stabilization of the multilamellar structure of the compact myelin. Mutations in this gene are associated with autosomal dominant form of Charcot-Marie-Tooth disease type 1 (CMT1B) and other polyneuropathies, such as Dejerine-Sottas syndrome (DSS) and congenital hypomyelinating neuropathy (CHN). A recent study showed that two isoforms are produced from the same mRNA by use of alternative in-frame translation termination codons via a stop codon readthrough mechanism.
基因ID	4359
基因名	MPZ
Swiss	P25189
别名	MPZ;CHM;CMT1;CMT1B;CMT2I;CMT2J;CMT4E;CMTDI3;CMTDID;DSS;HMSNIB;MPP;P0

## 产品验证



Western blot analysis of Myelin Protein Zero (MPZ) expressed in Mouse spinal cord, Rat brain, PC-12 using Myelin Protein Zero (MPZ) Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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