# MPZ Rabbit Polyclonal Antibody

# CAB1687

## Product Information

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| **Product SKU**: | CAB1687 | **Gene ID**: | 4359 | **Size**: | 20uL, 100uL |
| **Clone No**: | - | **Host Species:** | Rabbit | **Reactivity**: | Human,Mouse,Rat |

## Additional Information

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| **Observed MW**: | 28kDa | **Conjugate:** | Unconjugated |
| **Calculated MW**: | 28kDa | **Isotype:** | IgG |

## Immunogen Information

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| **Background**: | 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. |
| **Recommended Dilution**: | WB,1:500 - 1:1000 |
| **Synonyms**: | P0; CHM; DSS; MPP; CHN2; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; CMTDID; HMSNIB; Myelin Protein Zero (MPZ) |
| **Purifcation Method**: | Affinity purification |
| **Immunogen**: | Recombinant fusion protein containing a sequence corresponding to amino acids 30-153 of human Myelin Protein Zero (MPZ) (NP_000521.2). |
| **Storage**: | Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |

**Contact Details | Dublin, Ireland**
**Email:** techsupport@assaygenie.com | **Web:** www.assaygenie.com