

Mouse PMP22 Antibody Blocking Peptide
Synthetic peptide
Catalog # BP16084a**Specification**

Mouse PMP22 Antibody Blocking Peptide - Product Information

Primary Accession [P16646](#)

Mouse PMP22 Antibody Blocking Peptide - Additional Information

Gene ID 18858

Other Names

Peripheral myelin protein 22, PMP-22, Growth arrest-specific protein 3, GAS-3, Pmp22, Gas-3, Gas3, Pmp-22

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse PMP22 Antibody Blocking Peptide - Protein Information

Name Pmp22

Synonyms Gas-3, Gas3, Pmp-22

Function

Might be involved in growth regulation, and in myelination in the peripheral nervous system.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q01453}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q01453}

Tissue Location

Schwann cells of the peripheral nervous system (PubMed:1552943). Expressed at growth arrest of mammalian fibroblasts (PubMed:1692961).

Mouse PMP22 Antibody Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse PMP22 Antibody Blocking Peptide - Images

Mouse PMP22 Antibody Blocking Peptide - Background

This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type 1A, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies.

Mouse PMP22 Antibody Blocking Peptide - References

Sahenk, Z., et al. Exp. Neurol. 224(2):495-506(2010) Couplier, F., et al. J. Neurosci. 30(17):5958-5967(2010) Bai, Y., et al. J. Neurosci. 30(2):600-608(2010) Bremer, J., et al. PLoS ONE 5(8), E12450 (2010) :Grossmann, K.S., et al. Proc. Natl. Acad. Sci. U.S.A. 106(39):16704-16709(2009)