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PMP22 Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16083a

Specification

PMP22 Antibody - Product Information

Application	**WB,E**
Primary Accession	Q01453
Other Accession	NP_696996.1, NP_000295.1, NP_696997.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**17891**
Antigen Region	**102-130**

PMP22 Antibody - Additional Information

Gene ID 5376

Other Names
Peripheral myelin protein 22, PMP-22, Growth arrest-specific protein 3, GAS-3, PMP22, GAS3

Target/Specificity
This PMP22 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-130 amino acids from human PMP22.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PMP22 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PMP22 Antibody - Protein Information

Name PMP22

Synonyms GAS3

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

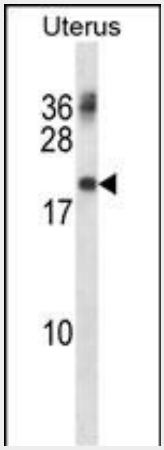
Cellular Location
Cell membrane; Multi-pass membrane protein

PMP22 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PMP22 Antibody - Images



PMP22 Antibody (Cat. #AP16083a) western blot analysis in human normal Uterus tissue lysates (35ug/lane).This demonstrates the PMP22 antibody detected the PMP22 protein (arrow).

PMP22 Antibody - 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 IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies.

PMP22 Antibody - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Kohl, B., et al. Am. J. Pathol. 176(3):1390-1399(2010) Kabzinska, D., et al. J. Appl. Genet. 51(2):203-209(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Stangler Herodez, S., et al. J. Int. Med. Res. 37(5):1626-1631(2009)