

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 Ig
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

Format

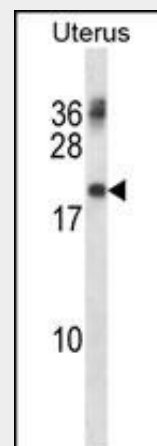
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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



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)

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 myelination 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 Cytometry](#)
- [Cell Culture](#)