



Rabbit Anti-Human PMP22 polyclonal antibody (CABT-BL2936)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Mouse, Rat
Target	PMP22
Immunogen	Synthetic peptide from near C-terminus of human PMP-22.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	22 kDa
Cellular Localization	Cytoplasm
Positive Control	Pancreas
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

PMP-22 (Peripheral Myelin Protein) is a glycoprotein expressed in the compact myelin of the peripheral nervous system. In the peripheral nervous system, PMP-22 is produced by myelinating Schwann cells and is coexpressed with the genes for myelin basic protein (MBP) and protein P0 during nerve development and regeneration. Alterations in the level of this protein cause several genetic human diseases. If the protein is duplicated, patients develop Charcot-Marie-Tooth disease. If one copy of the gene is deleted, they suffer from the inherited tendency to pressure palsies.

Keywords

PMP22;peripheral myelin protein 22;GAS 3;HNPP;Sp110;CMT1A;CMT1E;DSS;GAS-3;GAS3;Growth Arrest Specific 3;Growth arrest-specific protein
3;HMSNIA;HNPP;MGC20769;Peripheral Myelin Protein 22;PMP-22;PMP22;PMP22_HUMAN;Sp110;Trembler;PMP-22

GENE INFORMATION

Entrez Gene ID

[5376](#)

UniProt ID

[Q01453](#)