

**PXMP4 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9180C**

**Specification**

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**PXMP4 Antibody (Center) - Product Information**

Application	FC, WB,E
Primary Accession	<a href="#">Q9Y6I8</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	24264
Antigen Region	128-155

**PXMP4 Antibody (Center) - Additional Information**

**Gene ID** 11264

**Other Names**

Peroxisomal membrane protein 4, 24 kDa peroxisomal intrinsic membrane protein, PXMP4, PMP24

**Target/Specificity**

This PXMP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-155 amino acids from the Central region of human PXMP4.

**Dilution**

FC~~1:10~50

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**

PXMP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**PXMP4 Antibody (Center) - Protein Information**

**Name** PXMP4

**Synonyms** PMP24

**Cellular Location**

Peroxisome membrane; Multi-pass membrane protein

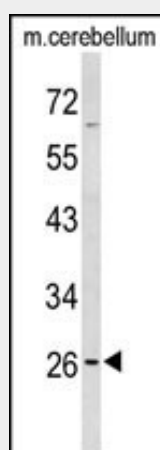
**Tissue Location**

Expressed in normal prostate epithelial cells, and androgen-sensitive prostate adenocarcinoma cells. Not expressed in androgen-insensitive prostate adenocarcinoma cells

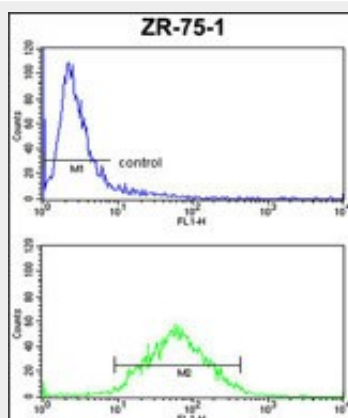
**PXMP4 Antibody (Center) - Protocols**

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](#)

**PXMP4 Antibody (Center) - Images**

Western blot analysis of PXMP4 Antibody (Center) (Cat. #AP9180c) in mouse cerebellum tissue lysates (35ug/lane). PXMP4 (arrow) was detected using the purified Pab.



PXMP4 Antibody (Center) (Cat.#AP9180c) FC analysis of ZR-75-1 cells (bottom histogram)

compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **PXMP4 Antibody (Center) - Background**

PXMP4 belongs to the peroxisomal membrane protein PXMP2/4 family.

#### **PXMP4 Antibody (Center) - References**

Jones, J.M., et.al., J. Cell Biol. 164 (1), 57-67 (2004)

Deloukas, P., et.al., Nature 414 (6866), 865-871 (2001)