

**PEX11A Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9007a**

**Specification**

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**PEX11A Antibody (N-term) - Product Information**

Application	FC, IHC-P, WB,E
Primary Accession	<a href="#">O75192</a>
Other Accession	<a href="#">Q0VCP2</a>
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28353
Antigen Region	1-30

**PEX11A Antibody (N-term) - Additional Information**

**Gene ID** 8800

**Other Names**

Peroxisomal membrane protein 11A, HsPEX11p, 28 kDa peroxisomal integral membrane protein, PMP28, Peroxin-11A, Peroxisomal biogenesis factor 11A, Protein PEX11 homolog alpha, PEX11-alpha, PEX11A, PEX11

**Target/Specificity**

This PEX11A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PEX11A.

**Dilution**

FC~~1:10~50

IHC-P~~1:50~100

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**

PEX11A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PEX11A Antibody (N-term) - Protein Information**

**Name** PEX11A

**Synonyms** PEX11

**Function** May be involved in peroxisomal proliferation and may regulate peroxisomes division (PubMed:[9792670](#)). May mediate binding of coatomer proteins to the peroxisomal membrane (By similarity). Promotes membrane protrusion and elongation on the peroxisomal surface (PubMed:[20826455](#)).

**Cellular Location**

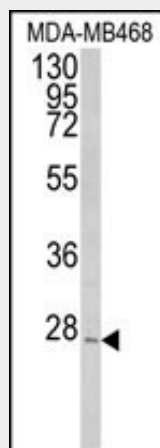
Peroxisome membrane; Multi-pass membrane protein

**PEX11A Antibody (N-term) - Protocols**

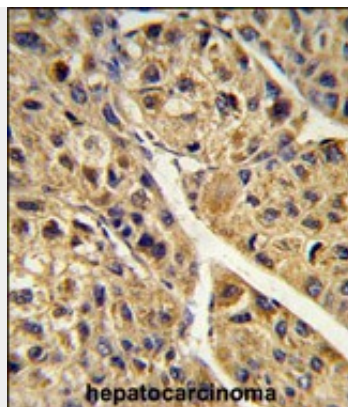
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

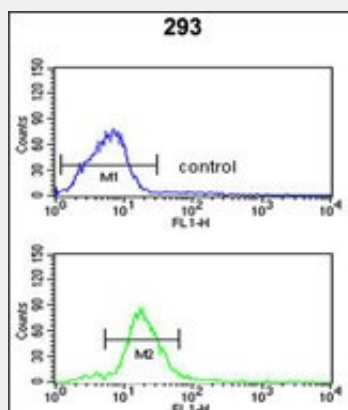
**PEX11A Antibody (N-term) - Images**



Western blot analysis of PEX11A Antibody (N-term) (Cat. #AP9007a) in MDA-MB468 cell line lysates (35ug/lane). PEX11A (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with PEX11A Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



PEX11A Antibody (N-term) (Cat. #AP9007a) flow cytometric analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **PEX11A Antibody (N-term) - Background**

PEX11A may be involved in peroxisomal proliferation and may regulate peroxisomes division. It may mediate binding of coatomer proteins to the peroxisomal membrane.

#### **PEX11A Antibody (N-term) - References**

Sacksteder, K.A., et.al., J. Cell Biol. 148 (5), 931-944 (2000)  
Shimizu, M., et.al., J. Biochem. 139 (3), 563-573 (2006)