

# PEX11A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9007a

## Product Information

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<b>Application</b>	WB, IHC-P, FC, E
<b>Primary Accession</b>	<a href="#">Q75192</a>
<b>Other Accession</b>	<a href="#">Q0VCP2</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB22646
<b>Calculated MW</b>	28353
<b>Antigen Region</b>	1-30

## Additional Information

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<b>Gene ID</b>	8800
<b>Other Names</b>	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
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	PEX11A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PEX11A
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## 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

## Background

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

## References

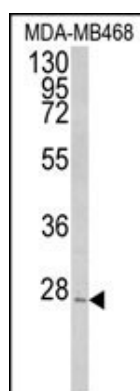
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Sacksteder,K.A., et.al., J. Cell Biol. 148 (5), 931-944 (2000)

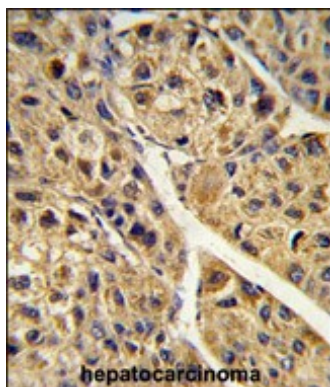
Shimizu,M., et.al., J. Biochem. 139 (3), 563-573 (2006)

## Images

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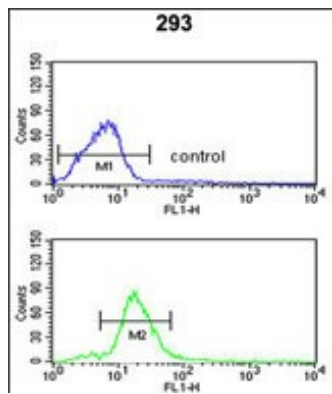


Western blot analysis of PEX11A Antibody (N-term) (Cat. #AP9007a) in MDA-MB468 cell line lysates (35ug/lane). PEX11A (arrow) was detected using the purified Pab.



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.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.