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PEX11A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9007a

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	O75192
Other Accession	Q0VCP2
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22646
Calculated MW	28353
Antigen Region	1-30

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	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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.

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

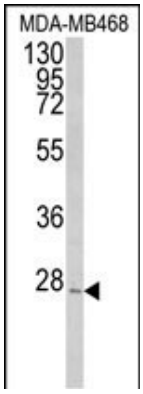
Background

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

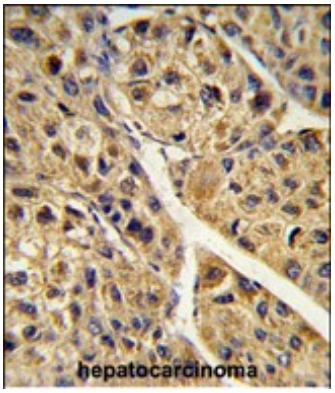
References

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

Images

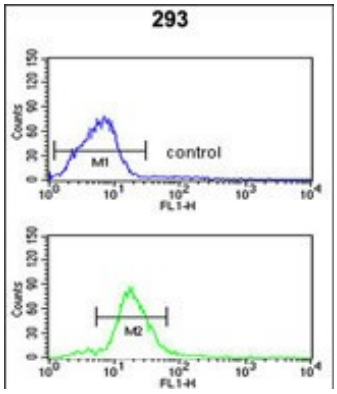


Western blot analysis of PEX11A Antibody (N-term) (Cat. #AP9007a) in MDA-MB468 cell line lysates (35ug/lane). PEX11A (arrow) was detected using the purified Pab.



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.



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