

Rabbit anti-Human PEX16 Polyclonal Antibody | anti-PEX16 antibody

PEX16 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285970	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

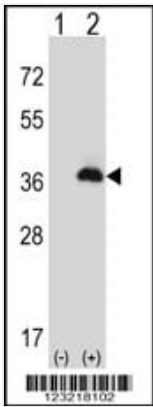
PRODUCT SYNONYMS

PEX16; Polyclonal Antibody; PEX16 Antibody (Center); Peroxisomal membrane protein PEX16; Peroxin-16; Peroxisomal biogenesis factor 16; anti-PEX16 antibody

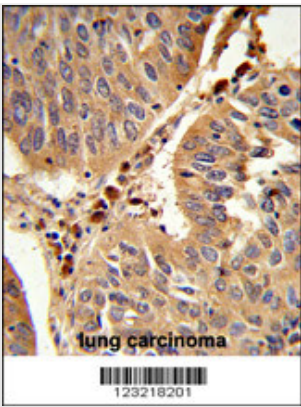
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PEX16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 247-275 amino acids from the Central region of human PEX16.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	247-275
Sequence Length	336
Applicable Applications for anti-PEX16 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

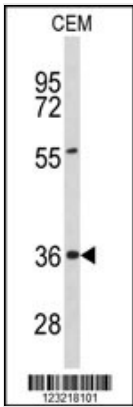
IMAGES



WB (Western Blot)
Western blot analysis of PEX16 (arrow) using rabbit polyclonal PEX16 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PEX16 gene.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with PEX16 Antibody (Center), 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.



WB (Western Blot)
Western blot analysis of PEX16 Antibody (Center) in CEM cell line lysates (35ug/lane). PEX16 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX16 antibody	PEX16 is required for peroxisome membrane biogenesis. It may play a role in early stages of peroxisome assembly and can recruit other peroxisomal proteins, such as PEX3 and PMP34, to de novo peroxisomes derived from the endoplasmic reticulum (ER). It may function as receptor for PEX3.
References	Kim P.K., et.al., J. Cell Biol. 173:521-532(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758898
NCBI GeneID	9409
NCBI Accession #	NP_004804.1; NP_476515.1
NCBI GenBank Nucleotide #	NM_004813.2
UniProt Accession #	Q9Y5Y5; Q9BWB9
Molecular Weight	38629
NCBI Official Full Name	peroxisomal biogenesis factor 16 isoform 1
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 16

NCBI Official Symbol	PEX16
NCBI Official Synonym Symbols	PBD8A; PBD8B
NCBI Protein Information	peroxisomal biogenesis factor 16
UniProt Protein Name	Peroxisomal membrane protein PEX16
UniProt Gene Name	PEX16
UniProt Entry Name	PEX16_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pex16-antibody-immunohistochemistry-western-blot-elisa/285970>