

Rabbit PEX16 Polyclonal Antibody | anti-PEX16 antibody

PEX16 Antibody

CATALOG # AAA322992	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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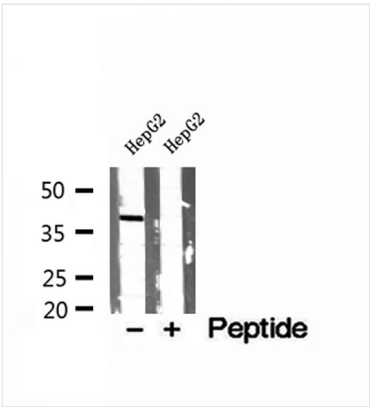
PRODUCT SYNONYMS

PEX16; Polyclonal Antibody; PEX16 Antibody; PBD8A; PBD8B; Peroxin 16; Peroxin16; Peroxisomal biogenesis factor 16; Peroxisomal membrane protein PEX16; PEX 16; anti-PEX16 antibody

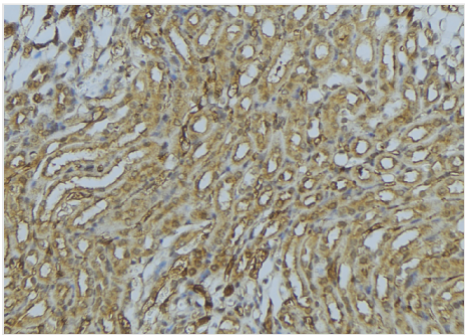
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PEX16 antibody detects endogenous levels of PEX16.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	336
Applicable Applications for anti-PEX16 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PEX16.
Subcellular Location	Peroxisome Membrane; Multipass Membrane Protein. Endoplasmic Reticulum Membrane
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Bovine (92%), Horse (92%), Sheep (100%), Rabbit (92%), Dog (100%), Chicken (83%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of HepG2 cells, using PEX16 antibody.



IHC (Immunohistochemistry)
AAA322992 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX16 antibody	Function: Required for peroxisome membrane biogenesis. May play a role in early stages of peroxisome assembly. Can recruit other peroxisomal proteins, such as PEX3 and PMP34, to de novo peroxisomes derived from the endoplasmic reticulum (ER). May function as receptor for PEX3. Subunit Structure: Interacts with PEX19. Similarity: Belongs to the peroxin-16 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758898
NCBI GeneID	9409
NCBI Accession #	NP_004804.1
NCBI GenBank Nucleotide #	NM_004813.2
UniProt Accession #	Q9Y5Y5; Q9BWB9
Molecular Weight	Observed: 38 kDa Predicted: 39 kDa
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

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.