

Rabbit PEX11B Polyclonal Antibody | anti-PEX11B antibody

PEX11B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324942	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

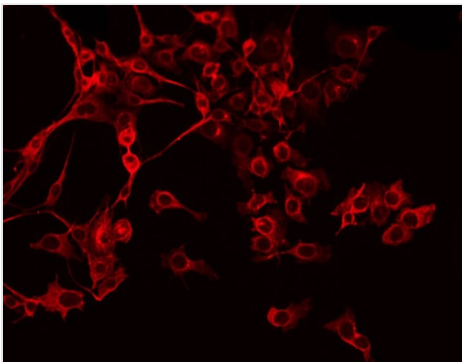
PRODUCT SYNONYMS

PEX11B; Polyclonal Antibody; PEX11B Antibody; OTTHUMP00000015598; Peroxin 11B; Peroxin-11B; peroxisomal biogenesis factor 11 beta; Peroxisomal biogenesis factor 11B; Peroxisomal membrane protein 11B; PEX11 beta; PEX11-beta; Pex11p beta; PEX14B; Protein PEX11 homolog beta; PX11B_HUMAN; anti-PEX11B antibody

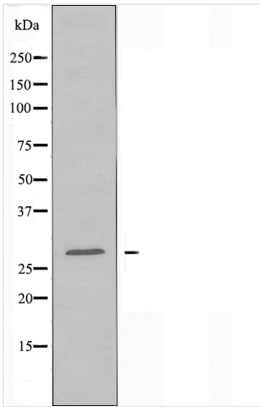
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PEX11B antibody detects endogenous levels of total PEX11B
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	245
Applicable Applications for anti-PEX11B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Peroxisome Membrane.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324942 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from COLO cells using PEX11B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX11B antibody	Function: Involved in peroxisomal proliferation (PubMed:9792670). May regulate peroxisome division by recruiting the dynamin-related GTPase DNM1L to the peroxisomal membrane (PubMed:12618434). Promotes membrane protrusion and elongation on the peroxisomal surface (PubMed:20826455). Subunit Structure: Homodimer (PubMed:20826455). Heterodimer with PEX11G (PubMed:20826455). Interacts with PEX19 (PubMed:10704444). Interacts with FIS1 (PubMed:20826455). Similarity: Belongs to the peroxin-11 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296317239
NCBI GeneID	8799
NCBI Accession #	NP_001171724.1
NCBI GenBank Nucleotide #	NM_001184795.1
UniProt Accession #	O96011; Q96ET2; B3KN85; B4DXH9
Molecular Weight	Observed: 28 kD Predicted: 29 kDa
NCBI Official Full Name	peroxisomal membrane protein 11B isoform 2
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 11 beta
NCBI Official Symbol	PEX11B
NCBI Official Synonym Symbols	PEX14B; PEX11-BETA
NCBI Protein Information	peroxisomal membrane protein 11B
UniProt Protein Name	Peroxisomal membrane protein 11B
UniProt Gene Name	PEX11B
UniProt Synonym Gene Names	PEX11-beta

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.