

Rabbit PEX6 Polyclonal Antibody | anti-PEX6 antibody

PEX6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328090	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

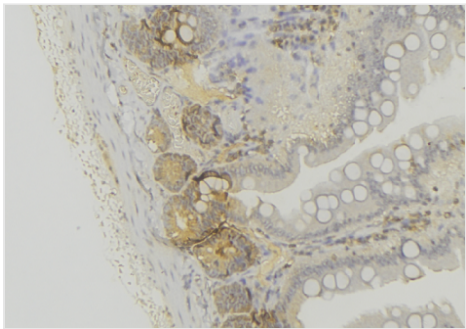
PRODUCT SYNONYMS

PEX6; Polyclonal Antibody; PEX6 Antibody; PAF 2; PAF2; PBD4A; PDB4B; Peroxin 6; Peroxisomal AAA type ATPase 1; Peroxisomal biogenesis factor 6; Peroxisomal type ATPase 1; Peroxisome assembly factor 2; PXAAA1; anti-PEX6 antibody

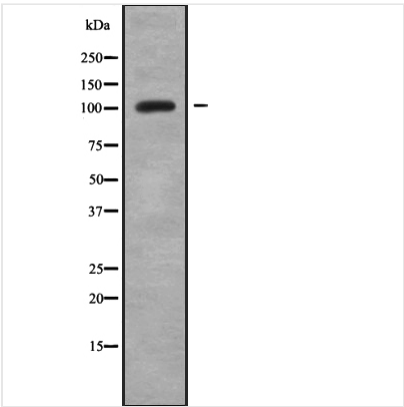
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PEX6 antibody detects endogenous levels of total PEX6
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	980
Applicable Applications for anti-PEX6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PEX6
Subcellular Location	Peroxisome
Tissue Specificity	Expressed in the retina, at higher levels in the photoreceptor layer at the joint between the outer and inner segments.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (90%), Bovine (100%), Horse (100%), Sheep (90%), Rabbit (100%), Dog (100%), Chicken (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328090 at 1/100 staining Mouse colon 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.



WB (Western Blot)
Western blot analysis of PEX6 using A549 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-PEX6 antibody	Function: Involved in peroxisome biosynthesis. Required for stability of the PTS1 receptor. Anchored by PEX26 to peroxisome membranes, possibly to form heteromeric AAA ATPase complexes required for the import of proteins into peroxisomes. Subunit Structure: Interacts directly with PEX26 and PEX1. Mediates the indirect interaction between PEX1 and PEX26. Interacts with ZFAND6. Similarity: Belongs to the AAA ATPase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194018488
NCBI GeneID	5190
NCBI Accession #	NP_000278.3
NCBI GenBank Nucleotide #	NM_000287.3
UniProt Accession #	Q13608; Q5T8W1; Q8WYQ0; Q8WYQ1; Q8WYQ2; Q99476
Molecular Weight	Observed: 104 kDa Predicted: 105 kDa
NCBI Official Full Name	peroxisome biogenesis factor 6 isoform 1
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 6
NCBI Official Symbol	PEX6
NCBI Official Synonym Symbols	PAF2; HMLR2; PAF-2; PBD4A; PDB4B; PXAAA1
NCBI Protein Information	peroxisome biogenesis factor 6
UniProt Protein Name	Peroxisome assembly factor 2
UniProt Gene Name	PEX6
UniProt Synonym Gene Names	PXAAA1; PAF-2

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.