

Rabbit anti-Human, Mouse PEX1 Polyclonal Antibody | anti-PEX1 antibody

Rabbit anti-PEX1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213241	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

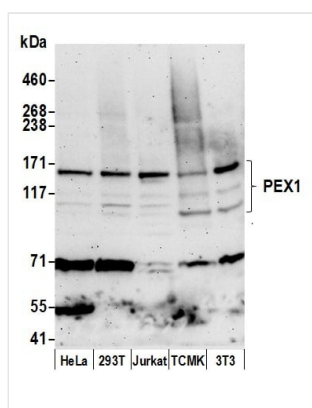
PRODUCT SYNONYMS

PEX1; Polyclonal Antibody; Rabbit anti-PEX1 Antibody; Affinity Purified; peroxisome biogenesis disorder protein 1; ZWS1; ZWS; peroxisome biogenesis factor 1; peroxin-1; PBD1B; PBD1A; HMLR1; Zellweger syndrome; Peroxisome biogenesis factor 1; peroxisomal biogenesis factor 1; anti-PEX1 antibody

PRODUCT SPECIFICATIONS

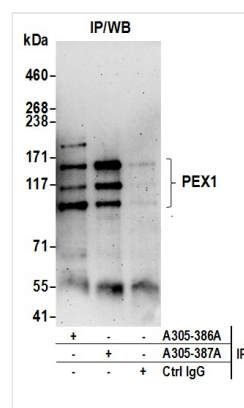
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PEX1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1233 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PEX1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PEX1 antibody AAA213241 (lot AAA213241-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PEX1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PEX1 antibody AAA213241 (lot AAA213241-1) used for IP at 6 ug per reaction. PEX1 was also immunoprecipitated by rabbit anti-PEX1 antibody For blotting immunoprecipitated PEX1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX1 antibody	Peroxin-1 (PeX1) encodes a member of the AAA ATPase family, a large group of ATPases associated with diverse cellular activities. PEX1 is cytoplasmic but is often anchored to a peroxisomal membrane where it forms a heteromeric complex and plays a role in the import of proteins into peroxisomes and peroxisome biogenesis [taken from NCBI Entrez Gene (Gene ID: 5189)].
Product Categories/Family for anti-PEX1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505725
NCBI GeneID	5189
NCBI Accession #	NP_000457.1
NCBI GenBank Nucleotide #	NM_000466.2
UniProt Accession #	O43933; Q96S71; Q96S72; Q96S73; Q99994; A4D1G3; A8KA90
Molecular Weight	142,867 Da
NCBI Official Full Name	peroxisome biogenesis factor 1 isoform 1
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 1
NCBI Official Symbol	PEX1
NCBI Official Synonym Symbols	ZWS; ZWS1; PBD1A; PBD1B
NCBI Protein Information	peroxisome biogenesis factor 1; peroxin-1; Zellweger syndrome; peroxisome biogenesis disorder protein 1
UniProt Protein Name	Peroxisome biogenesis factor 1
UniProt Gene Name	PEX1
UniProt Entry Name	PEX1_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://stage.aaabiotech.com/polyclonal/pex1-antibody-immunoprecipitation-western-blot-elisa/213241>