

Rabbit PEX7 Polyclonal Antibody | anti-PEX7 antibody

PEX7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324945	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

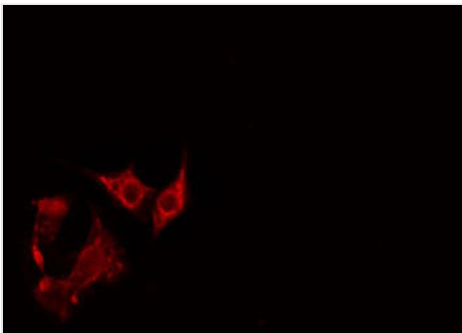
PRODUCT SYNONYMS

PEX7; Polyclonal Antibody; PEX7 Antibody; PBD9B; PCDP1; Peroxin 7; Peroxin-7; Peroxisomal PTS2 receptor; Peroxisomal targeting signal 2 receptor; Peroxisome biogenesis factor 7; Peroxisome targeting signal 2 receptor; PEX7 protein; PEX7_HUMAN; PTS2 receptor; PTS2R; RCDP1; RD; anti-PEX7 antibody

PRODUCT SPECIFICATIONS

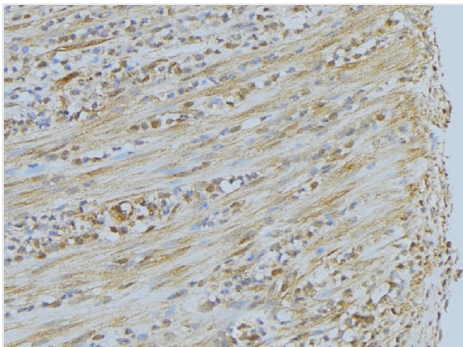
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PEX7 antibody detects endogenous levels of total PEX7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	323
Applicable Applications for anti-PEX7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Peroxisome. Cytoplasm.
Tissue Specificity	Ubiquitous. Highest expression in pancreas, skeletal muscle and heart.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



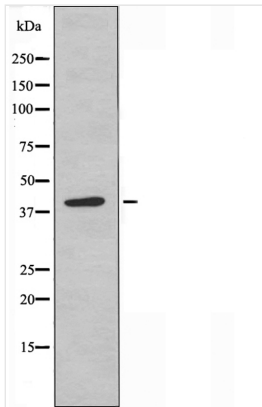
IF (Immunofluorescence)

AAA324945 staining NIH-3T3 cells 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) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324945 at 1/100 staining Mouse muscle 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 extracts from NIH/3T3 cells, using PEX7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX7 antibody

Function: Binds to the N-terminal PTS2-type peroxisomal targeting signal and plays an essential role in peroxisomal protein import.
Subunit Structure: Interacts with PEX5.
Similarity: Belongs to the WD repeat peroxin-7 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505731
NCBI GeneID	5191
NCBI Accession #	NP_000279.1
NCBI GenBank Nucleotide #	NM_000288.3
UniProt Accession #	O00628; COH5X6
Molecular Weight	Observed: 40 kD Predicted: 36 kDa
NCBI Official Full Name	peroxisomal biogenesis factor 7
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 7
NCBI Official Symbol	PEX7

NCBI Official Synonym Symbols	RD; PBD9B; PTS2R; RCDP1
NCBI Protein Information	peroxisomal biogenesis factor 7
UniProt Protein Name	Peroxisomal targeting signal 2 receptor
UniProt Gene Name	PEX7
UniProt Synonym Gene Names	PTS2R; PTS2 receptor

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/pex7-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324945>