

Rabbit PEX3 Polyclonal Antibody | anti-PEX3 antibody

PEX3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324941	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

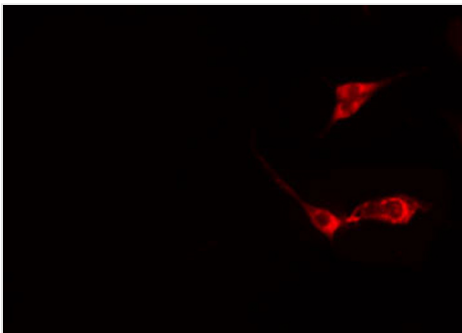
PRODUCT SYNONYMS

PEX3; Polyclonal Antibody; PEX3 Antibody; Peroxin-3; Peroxisomal assembly protein PEX3; Peroxisomal biogenesis factor 3; PEX3_HUMAN; TRG18; anti-PEX3 antibody

PRODUCT SPECIFICATIONS

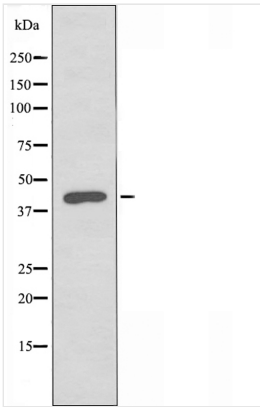
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PEX3 antibody detects endogenous levels of total PEX3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	373
Applicable Applications for anti-PEX3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Peroxisome Membrane.
Tissue Specificity	Found in all examined tissues.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (90%), Sheep (100%), Rabbit (90%), Dog (100%), Chicken (100%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324941 staining HeLa 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.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using PEX3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX3 antibody

Function: Involved in peroxisome biosynthesis and integrity. Assembles membrane vesicles before the matrix proteins are translocated. As a docking factor for PEX19, is necessary for the import of peroxisomal membrane proteins in the peroxisomes.
Subunit Structure: Interacts with PEX19.
Similarity: Belongs to the peroxin-3 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505727
NCBI GeneID	8504
NCBI Accession #	NP_003621.1
NCBI GenBank Nucleotide #	NM_003630.2
UniProt Accession #	P56589; Q6FGP5
Molecular Weight	Observed: 42 kD Predicted: 43 kDa
NCBI Official Full Name	peroxisomal biogenesis factor 3
NCBI Official Synonym Full Names	peroxisomal biogenesis factor 3
NCBI Official Symbol	PEX3
NCBI Official Synonym Symbols	TRG18; PBD10A; PBD10B
NCBI Protein Information	peroxisomal biogenesis factor 3
UniProt Protein Name	Peroxisomal biogenesis factor 3
UniProt Gene Name	PEX3

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.