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Anti-PEX3 Antibody

Catalog # AP51814

Product Information

Application	WB, IHC
Primary Accession	P56589
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42140

Additional Information

Gene ID	8504
Other Names	Peroxisomal biogenesis factor 3; Peroxin-3; Peroxisomal assembly protein PEX3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PEX3. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

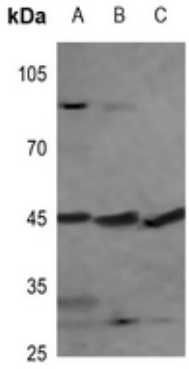
Name	PEX3
Function	Involved in peroxisome biosynthesis and integrity. Assembles membrane vesicles before the matrix proteins are translocated. As a docking factor for PEX19, is necessary for the import of peroxisomal membrane proteins in the peroxisomes.
Cellular Location	Peroxisome membrane; Multi-pass membrane protein
Tissue Location	Found in all examined tissues.

References

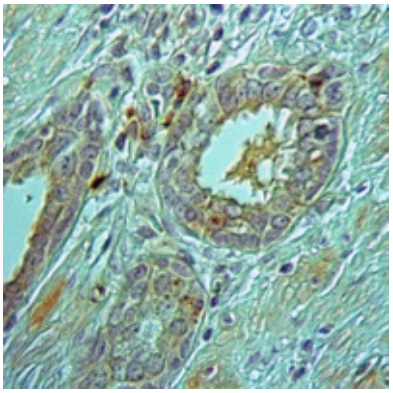
Kammerer S.,et al.FEBS Lett. 429:53-60(1998).
Soukupova M.,et al.Eur. J. Cell Biol. 78:357-374(1999).

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Ghaedi K.,et al.Mol. Biol. Cell 11:2085-2102(2000).
Kim J.W.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.

Images



Western blot analysis of PEX3 expression in DLD (A), mouse kidney (B), mouse testis (C) whole cell lysates. (Predicted band size: 42 kD; Observed band size: 45 kD)



Immunohistochemical analysis of PEX3 staining in human prostate formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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