

PEX14 antibody

Catalog Number: 113727

Product name

PEX14 antibody

Specificity

Human, Mouse, Rat; other species not tested.

Antibody description

PEX14 Rabbit Polyclonal antibody. Positive WB detected in human liver tissue. Positive IP detected in mouse liver tissue. Positive FC detected in HepG2 cells. Positive IF detected in HeLa cells, COS7 cells. Positive IHC detected in human liver cancer tissue, human cervical cancer tissue. Observed molecular weight by Western-blot: 57 kDa

Preparation

This antibody was obtained by immunization of PEX14 recombinant protein (Accession Number: NM_004565). Purification method: Antigen affinity purified.

Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, IF, WB, IP, IHC, FC

Dilutions

Recommended Dilution:

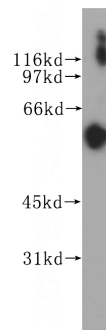
WB: 1:200-1:1000

IP: 1:200-1:2000

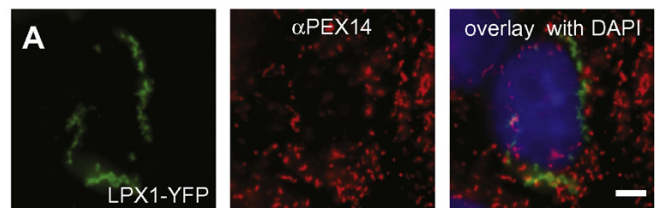
IHC: 1:20-1:200

IF: 1:20-1:200

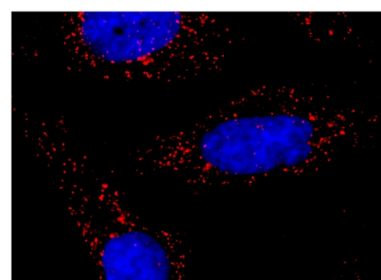
Validations



human liver tissue were subjected to SDS PAGE followed by western blot with Catalog No:113727(PEX14 antibody) at dilution of 1:500



The antibody Catalog No:113727 stain the Peroxisomes of the COS7 cell transfected with YFP-Lpx1. IF result in Paper with PMID:21741480, Dr. Sven Thoms.

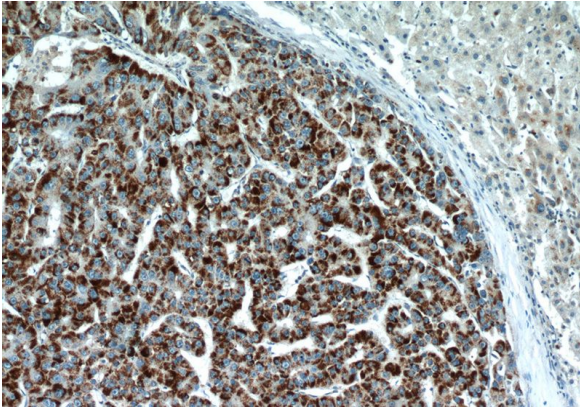


HeLa cells, formaldehyde fixation, permeabilization by Triton X-100, anti-PEX14 dilution 1:200, secondary antibody Cy3-labeled anti-rabbit, embedding medium with DAPI, epifluorescence microscopy. Image recorded by Tom Kettelhut and Sven Thoms.

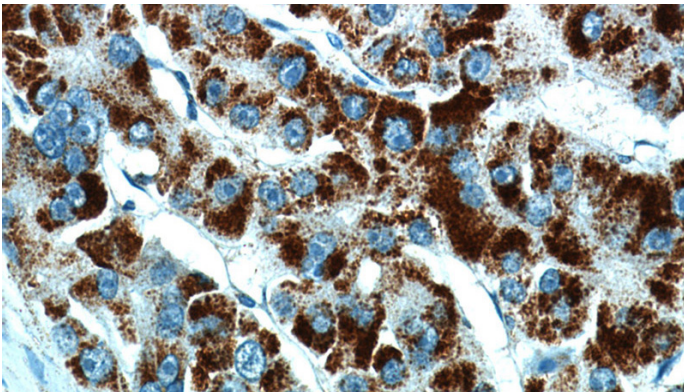
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IF result of anti-PEX14 (Catalog No:113727) in Hela cell by Dr. Sven Thoms. Peroxisome Red, Nuclear Blue.

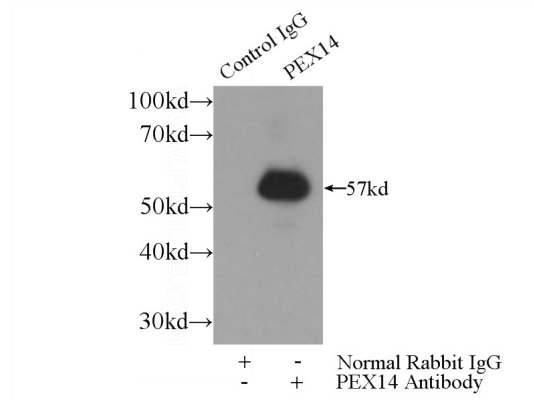


Immunohistochemical of paraffin-embedded human liver cancer using Catalog No:113727(PEX14 antibody) at dilution of 1:50 (under 10x lens)

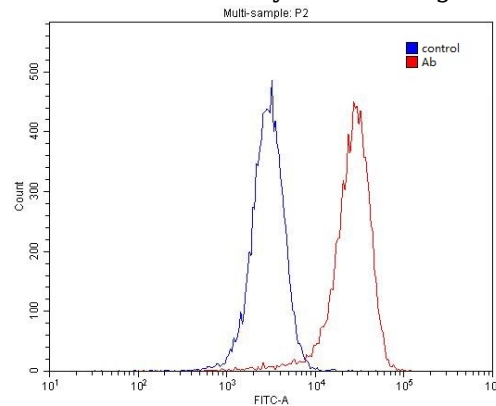


Immunohistochemical of paraffin-embedded human liver cancer using Catalog No:113727(PEX14 antibody) at dilution of 1:50

(under 40x lens)



IP Result of anti-PEX14 (IP:Catalog No:113727, 3ug; Detection:Catalog No:113727 1:500) with mouse liver tissue lysate 4000ug.



1X10⁶ HepG2 cells were stained with .2ug PEX14 antibody (Catalog No:113727, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.