

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PEX14



Numéro de catalogue: 10594-1-AP

Phare

49 Publications

Informations de base

Numéro de catalogue:

10594-1-AP

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0932

Numéro d'acquisition GenBank:

BC006327

Identification du gène (NCBI):

5195

Nom complet:

peroxisomal biogenesis factor 14

MW calculé

41 kDa

MW observés:

57 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:200

IF 1:500-1:2000

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, singe, souris

Espèces citées:

Humain, levure, rat, singe, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A431, cellules HEK-293, cellules HEK-293T, cellules HeLa, cellules SKOV-3

IP : tissu hépatique de souris,

IHC : tissu de cancer du foie humain, tissu de cancer du col de l'utérus humain

IF : cellules HeLa, cellules C2C12, cellules COS7, cellules HepG2, cellules NIH/3T3

Informations générales

PEX14 (peroxisomal biogenesis factor 14) is a peroxisomal membrane protein that is essential for protein docking onto the peroxisomes. It is a central component of the peroxisomal matrix protein import machinery and interacts with PEX5 and PEX19. PEX14 is ubiquitously expressed and defects in PEX14 are the cause of peroxisome biogenesis disorder complementation group K (PBD-CGK). This antibody can be used to detect endogenous PEX14 with an apparent molecular weight of 57 kDa (PMID: 16449325; 9653144) and recognize peroxisomal structures in human, monkey and mouse cells.

Publications notables

Autrice	Pubmed ID	Journal	Application
Fabian Schueren	25247702	Elife	IF
José A Nicolás-Ávila	32937105	Cell	IF
Luis Carlos Tábara	35718349	Brain	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

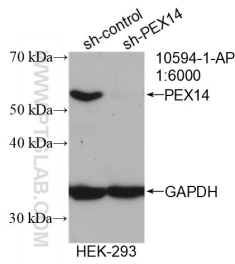
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

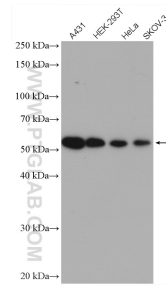
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

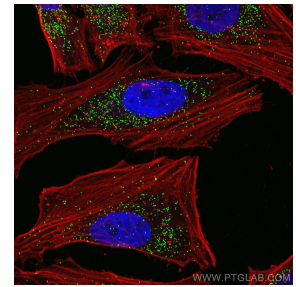
Données de validation sélectionnées



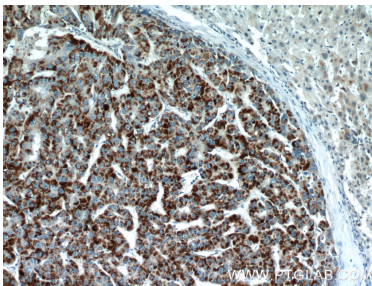
WB result of PEX14 antibody (10594-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PEX14 transfected HEK-293 cells.



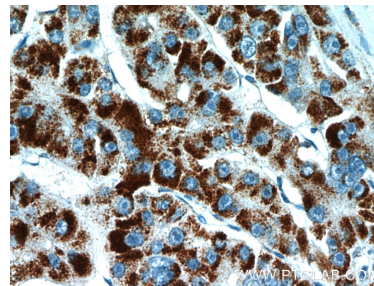
Various lysates were subjected to SDS PAGE followed by western blot with 10594-1-AP (PEX14 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



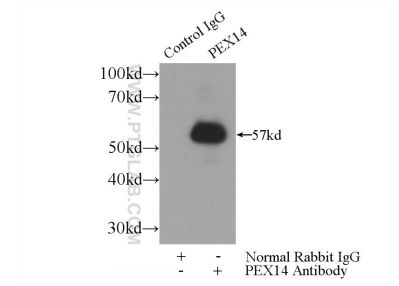
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PEX14 antibody (10594-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), (CL594-Phalloidin, red).



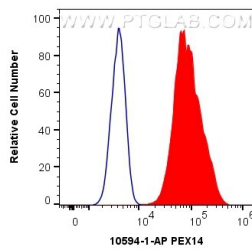
Immunohistochemical analysis of paraffin-embedded human liver cancer using 10594-1-AP (PEX14 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer using 10594-1-AP (PEX14 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-PEX14 (IP:10594-1-AP, 3ug; Detection:10594-1-AP 1:500) with mouse liver tissue lysate 4000ug.



1×10^6 HeLa cells were intracellularly stained with 0.4 ug Anti-Human PEX14 (10594-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).