

Nur für Forschungszwecke

# PEX14 (human specific) Rekombinanter Antikörper



Katalog-Nr.:80196-1-RR

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 80196-1-RR	<b>GenBank-Zugangsnummer:</b> BC006327	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 700 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 5195	<b>CloneNo.:</b> 6K5
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> peroxisomal biogenesis factor 14	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:14000 IHC 1:200-1:800 IF 1:50-1:500
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 41 kDa	
<b>Immunogen Katalognummer:</b> AG0932	<b>Beobachtete Masse:</b> 57 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, WB, ELISA

### Getestete Reaktivität:

Human

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

**WB:** HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, Jurkat-Zellen

**IHC:** humanes Leberkarzinomgewebe, humanes Nierengewebe

**IF:** HeLa-Zellen,

## Hintergrundinformationen

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.

This antibody is specific to human PEX14. It can't detect mouse or rat PEX14.

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern.

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

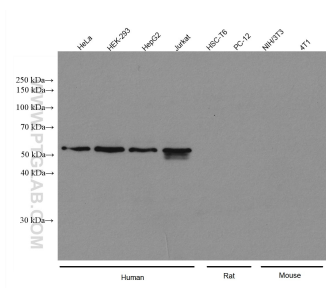
For technical support and original validation data for this product please contact:

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

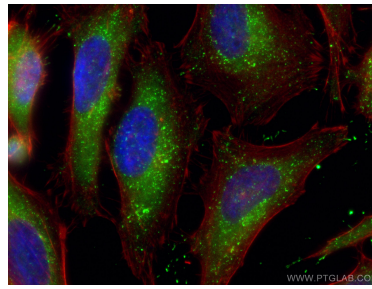
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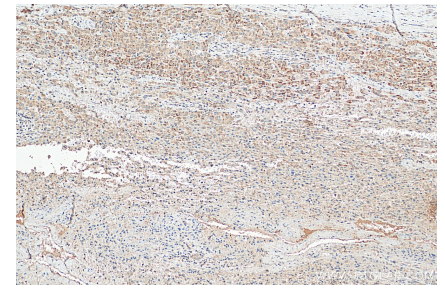
## Ausgewählte Validierungsdaten



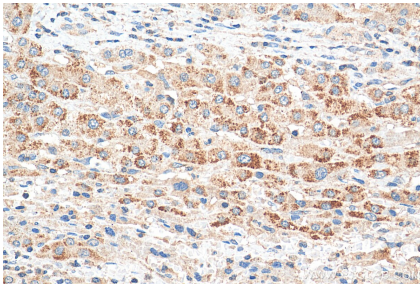
Various lysates were subjected to SDS PAGE followed by western blot with 80196-1-RR (PEX14 (human specific) antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PEX14 antibody (80196-1-RR, Clone: 6K5) at dilution of 1:150 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 80196-1-RR (PEX14 (human specific) antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 80196-1-RR (PEX14 (human specific) antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).