

Allgemeine Informationen

Katalog-Nr.:
66309-1-Ig

Größe:
150ul, Konzentration: 1500 µg/ml von 5830
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG3268

GenBank-Zugangsnummer:
BC010621

GeneID (NCBI):

Vollständiger Name:
peroxisomal biogenesis factor 5

Berechnete Masse:
631 aa, 70 kDa

Beobachtete Masse:
70-80 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
1C2C3

Empfohlene Verdünnungen:
WB 1:500-1:2000
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Hausschwein, Human, Ratte

Zitierte Arten:

Human

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

Positivkontrollen:

WB: Hausschwein-Hirngewebe, fetales humanes
Hirngewebe, HEK-293-Zellen

IHC: humanes Lebergewebe, humanes Nierengewebe

Hintergrundinformationen

The peroxisomal targeting signal type1 (PTS1) receptor, PEX5, is one member of peroxins (PEXs) which are proteins required for peroxisome assembly. PEX5 and PEX7 function as receptors that recognize PTS1- and PTS2- containing proteins, respectively, and PEX5 binds PTS1 through its C-terminal 40-kDa tetratricopeptide repeat domain. It is a predominantly cytoplasmic, partly peroxisomal protein that appears to shuttle between these compartments as it mediates the import of PTS1-containing proteins. PEX5 has been reported to interact with PEX10, PEX12, PEX13, and PEX14. Defects in PEX5 are a cause of Zellweger syndrome (ZWS), which is a lethal peroxisome biogenesis disorder.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Léa P Wilhelm	36215693	EMBO J	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

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

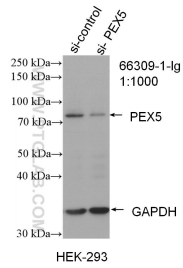
For technical support and original validation data for this product please contact:

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

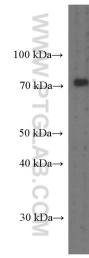
E: proteintech@ptglab.com
W: ptglab.com

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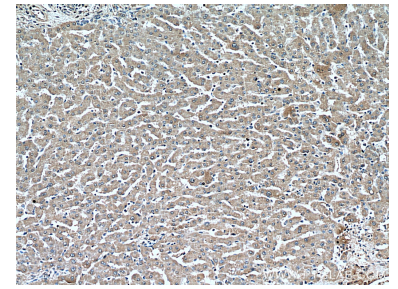
Ausgewählte Validierungsdaten



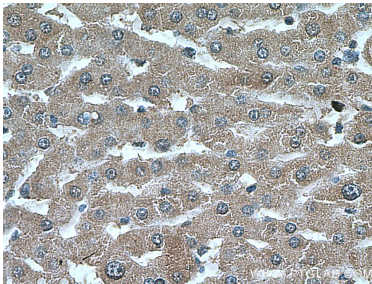
WB result of PEX5 antibody (66309-1-Ig: 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PEX5 transfected HEK-293 cells.



pig brain tissue were subjected to SDS PAGE followed by western blot with 66309-1-Ig (PEX5 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66309-1-Ig (PEX5 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66309-1-Ig (PEX5 Antibody) at dilution of 1:200 (under 40x lens).