

For Research Use Only

PEX7 Polyclonal antibody

Catalog Number: 20614-1-AP **2 Publications**



Basic Information

Catalog Number: 20614-1-AP	GenBank Accession Number: BC006268	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5191	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: peroxisomal biogenesis factor 7	
Isotype: IgG	Calculated MW: 323 aa, 36 kDa	
Immunogen Catalog Number: AG14666	Observed MW: 34 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MDA-MB-453s cells,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

Background Information

PEX7, also known as peroxisomal targeting signal 2 (PTS2) receptor, 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. PEX7 plays an essential role in peroxisomal protein import by binding to the N-terminal PTS2-type peroxisomal targeting signal. PEX7 defects are associated with peroxisome biogenesis disorder complementation group 11 (PBD-CG11), rhizomelic chondrodysplasia punctata type 1 (RCDP1) and Refsum disease.

Notable Publications

Author	Pubmed ID	Journal	Application
Yizhu Mu	33606716	PLoS One	WB
Mizuno Yumi Y	23459139	PLoS Genet	WB

Storage

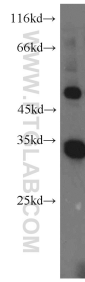
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 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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Selected Validation Data



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 20614-1-AP (PEX7 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.