

For Research Use Only

PEX3 Polyclonal antibody

Catalog Number: 10946-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 10946-1-AP	GenBank Accession Number: BC014551	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 8504	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: P56589	
Isotype: IgG	Full Name: peroxisomal biogenesis factor 3	
Immunogen Catalog Number: AG1384	Calculated MW: 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells,
Cited Applications: WB, IF	
Species Specificity: human, mouse, rat	
Cited Species: human, Arabidopsis, mouse	

Background Information

Peroxis (PEXs) are proteins that are essential for the assembly of functional peroxisomes. Peroxin 3, also known as PEX3 (peroxisomal biogenesis factor 3) or TRG18, is a 373 amino acid multi-pass membrane protein that anchored in the peroxisomal membrane and essential for peroxisome biogenesis and integrity. Additionally, Peroxin 3 acts as a docking factor for Peroxin 19 and is required for the import of peroxisomal proteins. Defects in the gene encoding Peroxin 3 are the cause of peroxisome biogenesis disorder complementation group 12 (PBD-CG12) and Zellweger syndrome (ZwS), both of which arise from a failure of peroxisomal protein import.

Notable Publications

Author	Pubmed ID	Journal	Application
Katharina M Walter	25440060	Cell Metab	WB
Weiwei Cui	33731874	Cell Death Differ	WB
Takeshi Terabayashi	35372986	Kidney360	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

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

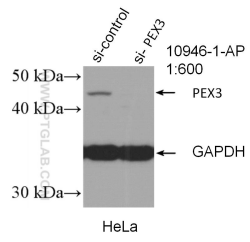
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



WB result of PEX3 antibody (10946-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-PEX3 transfected HeLa cells.