

For Research Use Only

PEX3 Polyclonal antibody

Catalog Number: 30424-1-AP



Basic Information

Catalog Number: 30424-1-AP	GenBank Accession Number: BC014551	Purification Method: Antigen affinity purification
Size: 450 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: AG31516	Calculated MW: 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, HEK-293 cells, HepG2 cells, PC-12 cells
Species Specificity: Human, rat	

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.

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:

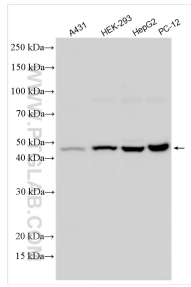
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30424-1-AP (PEX3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.