

For Research Use Only

LPXN Polyclonal antibody

Catalog Number: 31231-1-AP



Basic Information

Catalog Number: 31231-1-AP	GenBank Accession Number: BC019035	Purification Method: Antigen affinity Purification
Size: 300 µg/ml	GeneID (NCBI): 9404	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: O60711	
Isotype: IgG	Full Name: leupaxin	
Immunogen Catalog Number: AG34956	Calculated MW: 43 kDa	
	Observed MW: 40-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MDA-MB-231 cells, PC-3 cells, RAW 264.7 cells
Species Specificity: Human, mouse	

Background Information

LPXN, also known as Leupaxin, LDPL, belongs to the paxillin family. LPXN contributes to the regulation of cell adhesion, spreading, and cell migration and acts as a negative regulator in integrin-mediated cell adhesion events (PMID: 20543562). LPXN has four leucine-rich LD-motifs in the N-terminus and four LIM domains in the C-terminus. It may function in cell type-specific signaling by associating with PYK2, a member of the focal adhesion kinase family (PMID: 9565592). Studies in breast cancer implicate LPXN is involved in the regulation of ER action as a co-factor (PMID: 25955236). LPXN is expressed in prostate cancer cells and its expression intensity is directly linked to PCa progression (PMID: 18451096).

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:

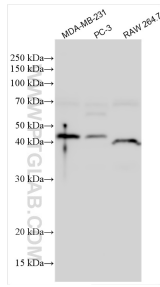
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31231-1-AP (LPXN antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.