

For Research Use Only

FBXL4 Polyclonal antibody

Catalog Number: 24754-1-AP



Basic Information

Catalog Number: 24754-1-AP	GenBank Accession Number: BC055010	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 26235	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9UKA2	
Isotype: IgG	Full Name: F-box and leucine-rich repeat protein 4	
Immunogen Catalog Number: AG21579	Calculated MW: 621 aa, 70 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : SH-SY5Y cells, mouse heart tissue, rat heart tissue
Species Specificity: human, mouse, rat	IF/ICC : U2OS cells,

Background Information

FBXL4 (F-box and leucine-rich repeat protein 4) is a mitochondrial protein that has been recently found to play significant roles in mtDNA maintenance (PMID: 28940506). Moreover, FBXL4 is a substrate receptor of a Cullin-1-RING E3 (CRL1) ligase complex that has previously been shown to bind to SKP1, the common CRL1 adapter subunit (PMID: 37102372).

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

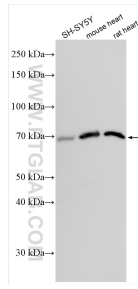
For technical support and original validation data for this product please contact:

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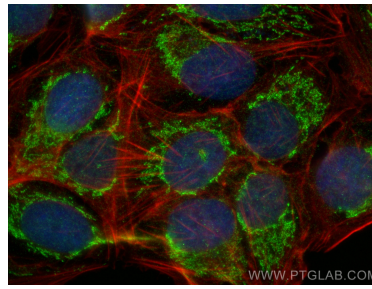
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24754-1-AP (FBXL4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using FBXL4 antibody (24754-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).