

For Research Use Only

FBXL4 Polyclonal antibody

Catalog Number: 24754-1-AP



Basic Information

Catalog Number:

24754-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21579

GenBank Accession Number:

BC055010

GeneID (NCBI):

26235

UNIPROT ID:

Q9UKA2

Full Name:

F-box and leucine-rich repeat protein

4

Calculated MW:

621 aa, 70 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : SH-SY5Y cells, mouse heart tissue, rat heart tissue

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

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

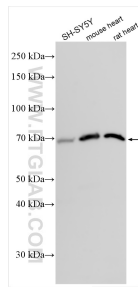
T: 4006900926

E: Proteintech-CN@ptglab.com

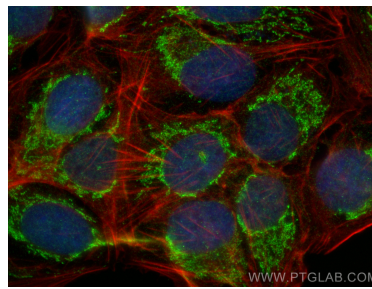
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Selected Validation Data



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).