

For Research Use Only

# FBXL4 Polyclonal antibody, PBS Only

Catalog Number: 24754-1-PBS



## Basic Information

**Catalog Number:**

24754-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, IF/ICC, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## 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 -80°C.

**Storage Buffer:**

PBS Only

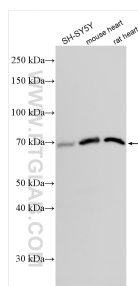
For technical support and original validation data for this product please contact:

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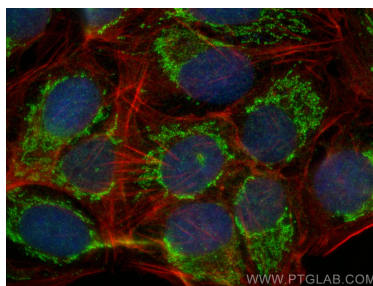
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## Selected Validation Data



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. This data was developed using the same antibody clone with 24754-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 24754-1-PBS in a different storage buffer formulation.