

For Research Use Only

# FBXW2 Polyclonal antibody

Catalog Number: 11499-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

11499-1-AP

### Size:

300 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2045

### GenBank Accession Number:

BC018738

### GeneID (NCBI):

26190

### UNIPROT ID:

Q9UKT8

### Full Name:

F-box and WD repeat domain containing 2

### Calculated MW:

44 kDa, 52 kDa

### Observed MW:

52 kDa, 43 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293 cells,

IHC : human colon cancer tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

The human FBW2 polypeptide contains an N-terminal F-box motif and a C-terminal domain of five WD repeats. A WD repeat is a motif typically consisting of 44-60 amino acids with a signature tryptophan and aspartic acid dipeptide at its C-terminus. The WD repeats in FBW2 recognize GCM1 in a way that is facilitated by GSK3b. Two isoforms were produced by alternative splicing with predicted MW of 52 and 43 kDa according to UniProt, and Catalog# 11499-1-AP can recognise both.

## Notable Publications

Author	Pubmed ID	Journal	Application
Shunjie Xia	33962073	Cell Mol Gastroenterol Hepatol	WB
Tao Zhou	35499593	Cell Mol Life Sci	WB
Fei Yang	30918250	Nat Commun	WB,IHC

## 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:

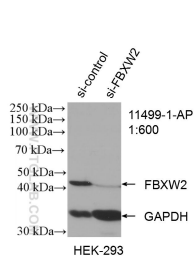
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

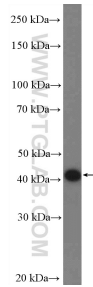
W: [ptgcn.com](http://ptgcn.com)

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

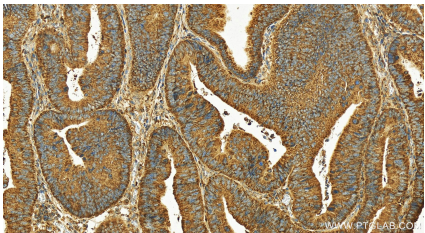
Selected Validation Data



WB result of FBXW2 antibody (11499-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FBXW2 transfected HEK-293 cells.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11499-1-AP (FBXW2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11499-1-AP (FBXW2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).