

For Research Use Only

FBXW2 Polyclonal antibody

Catalog Number: 11499-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

11499-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

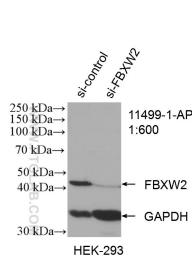
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

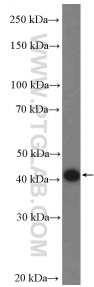
E: proteintech@ptglab.com
W: ptglab.com

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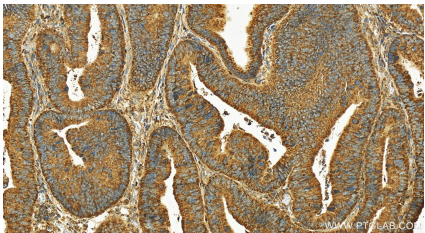
Selected Validation Data



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).