

For Research Use Only

FBXW2 Polyclonal antibody

Catalog Number: 11499-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number: 11499-1-AP	GenBank Accession Number: BC018738	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 26190	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: F-box and WD repeat domain containing 2	
Isotype: IgG	Calculated MW: 44 kDa, 52 kDa	
Immunogen Catalog Number: AG2045	Observed MW: 52 kDa, 43 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, IHC : human colon cancer tissue,
Cited Applications: IHC, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
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

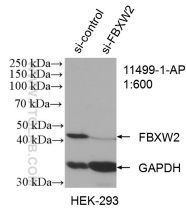
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

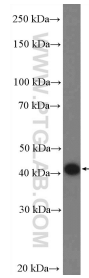
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

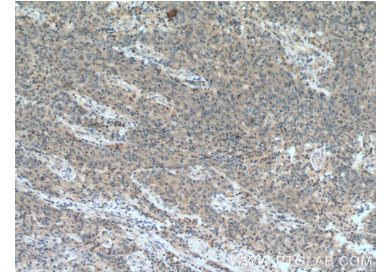
Selected Validation Data



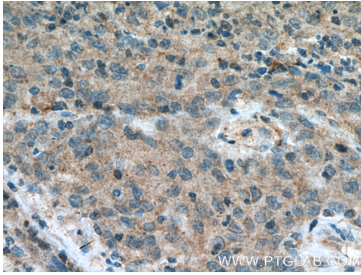
WB result of FBXW2 antibody (11499-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FBXW2 transfected HEK-293 cells.



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 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11499-1-AP (FBXW2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).