

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FBXW7



Numéro de catalogue: 55290-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:

55290-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_018315

Identification du gène (NCBI):

55294

Nom complet:

F-box and WD repeat domain containing 7

MW calculé

80 kDa

MW observés:

100-110 kDa, 66-75 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules HepG2, cellules HEK-293, cellules MCF-7, tissu cérébral humain

IP : cellules HepG2,

IHC : tissu de cancer de la peau humain, tissu de cancer du côlon humain, tissu de muscle squelettique humain

IF : cellules HeLa,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

FBXW7, also named as FBW7, FBX30, SEL10 and hAgo, is a substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. It probably recognizes and binds to phosphorylated target proteins. FBXW7 is involved in the degradation of cyclin-E, MYC, NOTCH1 released notch intracellular domain (NICD), and probably PSEN1. FBXW7 is a general tumor suppressor in human cancer (PMID: 17909001). FBXW7 has 3 isoforms ($\alpha/\beta/\gamma$) with the calculated molecular mass of 80 kDa, 70 kDa and 66 kDa, and apparent molecular mass of 100-110 kDa and 66-75 kDa (PMID: 18559665). This antibody is specific to FBXW7 and it can recognize all the isoforms of FBXW7.

Publications notables

Autrice	Pubmed ID	Journal	Application
Heling Dong	26360620	Endocrinology	WB
Haiwei Zhang	28507201	Biosci Rep	WB
Xia Li	31257502	Mol Med Rep	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

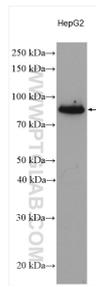
For technical support and original validation data for this product please contact:

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

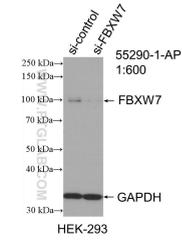
E: proteintech@ptglab.com
W: ptglab.com

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

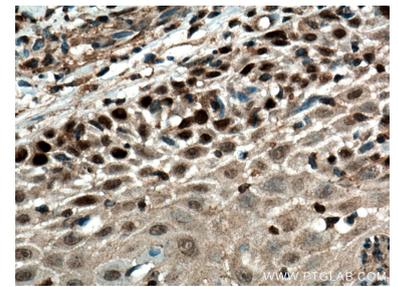
Données de validation sélectionnées



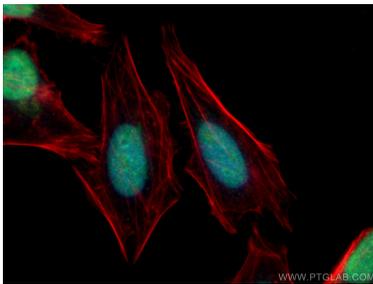
HepG2 cell lysates were subjected to SDS PAGE followed by western blot with 55290-1-AP (FBXW7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



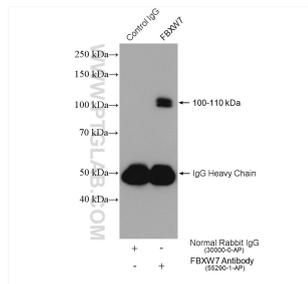
WB result of FBXW7 antibody (55290-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FBXW7 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 55290-1-AP (FBXW7 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 55290-1-AP (FBXW7 antibody), at dilution of 1:200 and CoralLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-FBXW7(IP:55290-1-AP, 4ug; Detection:55290-1-AP 1:500) with HepG2 cells lysate 960 ug.