

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FBXW11



Numéro de catalogue: 13149-1-AP

Phare

13 Publications

Informations de base

Numéro de catalogue:

13149-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3761

Numéro d'acquisition GenBank:

BC026213

Identification du gène (NCBI):

23291

Nom complet:

F-box and WD repeat domain containing 11

MW calculé

542 aa, 61 kDa

MW observés:

61 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug par IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

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

Contrôles positifs:

WB: cellules A431, cellules A549, cellules SGC-7901, tissu d'estomac humain

IP: tissu d'estomac de souris,

IHC: tissu de cancer de l'estomac humain,

IF: cellules HCT 116, cellules A431, cellules U2OS

Informations générales

FBXW11 (also known as HOS or β -TrCP2) is a member of F-box family proteins and plays critical role in regulating the ubiquitination of phosphorylated substrates. Abnormal expression of several FBXW11 is involved in the modulation of various biological events, such as cell cycle, differentiation, migration, inflammation, and apoptosis, through targeting multiple different substrates. For instance, FBXW11 could bind to the phosphorylated I κ B and β -catenin, promoting their degradation via the ubiquitin-proteasome system. In addition, FBXW11 expression is markedly increased in mouse skin tumors and promotes tumor growth by activating the NF- κ B signaling (PMID: 33640602). FBXW11 has 3 isoforms with the molecular mass of 58-62 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lin Zhao	36194598	Carcinogenesis	WB
Yan Zhang	34731635	Cell Rep	WB, IF
Xiaoqian Liu	29150431	EMBO J	WB, IP

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.

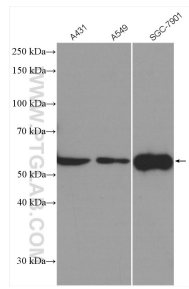
For technical support and original validation data for this product please contact:

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

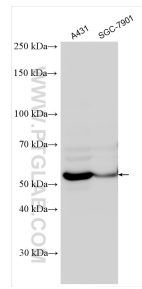
E: proteintech@ptglab.com
W: ptglab.com

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

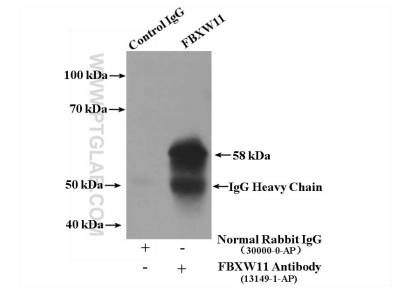
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 13149-1-AP (FBXW11 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



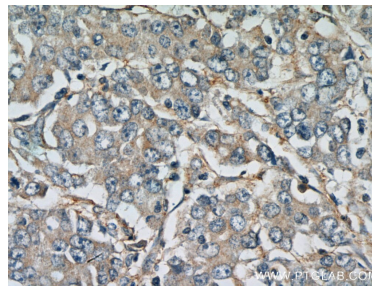
Various lysates were subjected to SDS PAGE followed by western blot with 13149-1-AP (FBXW11 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



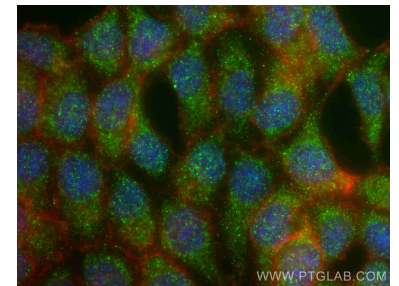
IP Result of anti-FBXW11 (IP:13149-1-AP, 4ug; Detection:13149-1-AP 1:600) with mouse stomach tissue lysate 4000ug.



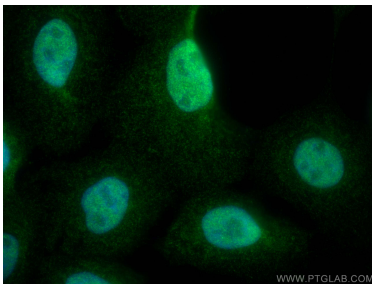
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13149-1-AP (FBXW11 Antibody) at dilution of 1:100 (under 10x lens).



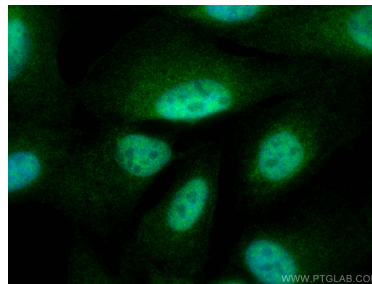
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 13149-1-AP (FBXW11 Antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HCT 116 cells using FBXW11 antibody (13149-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using FBXW11 antibody (13149-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using FBXW11 antibody (13149-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).