

Nur für Forschungszwecke

FBXW7 Polyklonaler Antikörper

Katalog-Nr.:55290-1-AP

Vorgestelltes Produkt

8 Publikationen



Allgemeine Informationen

Katalog-Nr.:

55290-1-AP

Größe:

150ul, Konzentration: 700 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_018315

GeneID (NCBI):

55294

Vollständiger Name:

F-box and WD repeat domain containing 7

Berechnete Masse:

80 kDa

Beobachtete Masse:

100-110 kDa, 66-75 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:50-1:500

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HepG2-Zellen, HEK-293-Zellen, humanes Hirngewebe, MCF-7-Zellen

IP: HepG2-Zellen,

IHC: humanes Hautkrebsgewebe, humanes Kolonkarzinomgewebe, humanes Skelettmuskelgewebe

IF: HeLa-Zellen,

Hintergrundinformationen

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 (α/β/γ) 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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

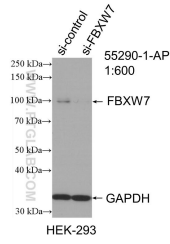
For technical support and original validation data for this product please contact:

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

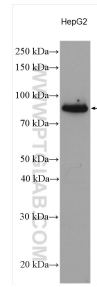
E: proteintech@ptglab.com
W: ptglab.com

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

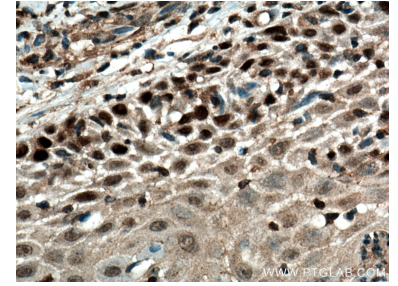
Ausgewählte Validierungsdaten



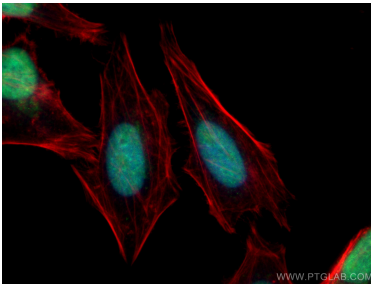
WB result of FBXW7 antibody (55290-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FBXW7 transfected HEK-293 cells.



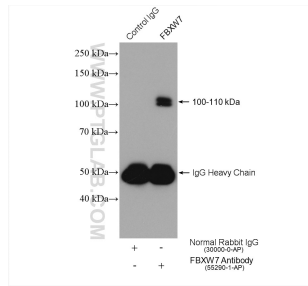
HepG2 cell lysates were subjected to SDS PAGE followed by western blot with 55290-1-AP (FBXW7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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.