

FBXL14 Polyclonal Antibody

Catalog number: 13934-1-AP

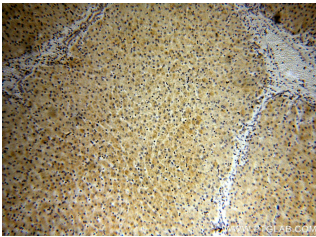
Size: 35 µg/150 µl

Source: Rabbit

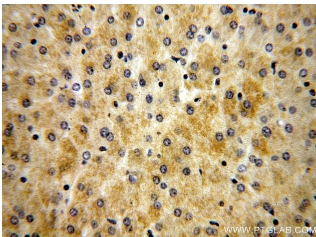
Isotype: IgG

Synonyms:

FBXL14; F box/LRR repeat protein 14, Fbl14, FBXL14



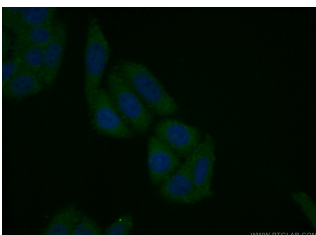
Immunohistochemical of paraffin-embedded human liver using 13934-1-AP (FBXL14 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human liver using 13934-1-AP (FBXL14 antibody) at dilution of 1:50 (under 40x lens)



HepG2 cells were subjected to SDS PAGE followed by western blot with 13934-1-AP (FBXL14 antibody) at dilution of 1:800



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 13934-1-

Background

FBXL14 (F-box/LRR-repeat protein 14) is also named as FBL14 and belongs to the F-box protein family, which are characterized by an approximately 40-amino acid F-box motif. It is part of a SCF (SKP1-cullin-F-box) ubiquitin-protein ligase complex. SNAIL1 is an unstable transcription factor that is phosphorylated by GSK3-beta in the nucleus, which triggers its nuclear export and subsequent ubiquitination and proteasomal degradation. FBXL14 is directed ubiquitination and degradation of SNAIL1 in human and mouse cell lines (PMID:19955572).

Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated FBXL14 MW:	418aa, 46 kDa
Observed FBXL14 MW:	46 kDa
Positive WB detected in:	HepG2 cells
Positive IHC detected in:	Human liver tissue
Positive IF detected in:	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4975
GenBank accession number:	BC028132
Gene ID (NCBI):	144699
Full name:	F-box and leucine-rich repeat protein 14

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**AP(FBXL14 Antibody) at
dilution of 1:50 and Alexa
Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit
IgG(H+L)**