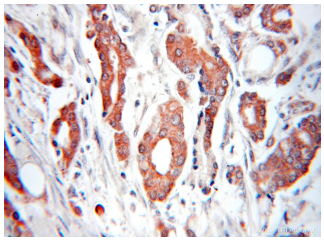
USA: proteintech@ptglab.com

Europe: europe@ptglab.com

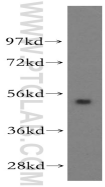
China: service@ptglab.com

FBXO9 Polyclonal Antibody

Catalog number: 11161-1-AP
Size: 30 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
FBXO9; dJ341E18.2, DKFZp434C0118, F box only protein 9, F box protein 9, FBX9, FBXO9, KIAA0936, NY REN 57, VCIA1



Immunohistochemical of paraffin-embedded human prostate cancer using 11161-1-AP(FBXO9 antibody) at dilution of 1:50 (under 10x lens)



human liver tissue were subjected to SDS PAGE followed by western blot with 11161-1-AP(FBXO9 antibody) at dilution of 1:300

Background

F-box proteins have been shown to be critical for the ubiquitin-mediated degradation of cellular regulatory proteins, and they are a family of eukaryotic proteins characterized by an approximately 40 amino acid motif. SCF complex, a class of ubiquitin ligases, consists of invariable components, Skp1 and Cullin, and variable components of F-box proteins, which have a primary role in determining substrate specificity. The F-box proteins are divided into 3 classes: FBWs containing WD-40 domains, FBLs containing leucine-rich repeats, and FBXs containing either different protein-protein interaction modules or no recognizable motifs. FBOX9 (or FBX9) belongs to the FBXs class, and 3 isoforms produced by alternative splicing has been described.

Applications

Tested applications:	**ELISA, WB, IHC**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated FBXO9 MW:	**52 kDa**
Observed FBXO9 MW:	**52 kDa**
Positive WB detected in	**Human liver tissue**
Positive IHC detected in	**Human prostate cancer tissue**
Recommended dilution:	**WB: 1:200-1:2000**
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	**Ag1643**
GenBank accession number:	**BC000650**
Gene ID (NCBI):	**26268**
Full name:	**F-box protein 9**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**