

For Research Use Only

# FBX15 Polyclonal antibody

Catalog Number: 13024-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 13024-1-AP	<b>GenBank Accession Number:</b> BC029579	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 240 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 201456	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NCQ5	
<b>Isotype:</b> IgG	<b>Full Name:</b> F-box protein 15	
<b>Immunogen Catalog Number:</b> AG3564	<b>Calculated MW:</b> 434 aa, 49 kDa	
	<b>Observed MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : A2780 cells, mouse ovary tissue IHC : human ovary cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

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. FBX15 (or FBX15) belongs to the FBXs class, and 2 isoforms produced by alternative splicing has been described. This antibody is expected detect both isoforms.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhaoxin Zhang	33159144	Sci Rep	WB
Hao Zhang	37837399	Clin Transl Med	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

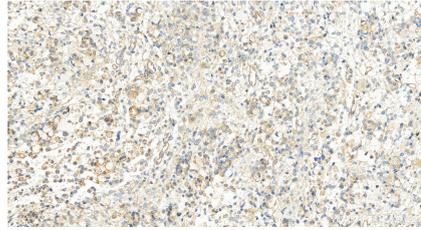
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



A2780 cells were subjected to SDS PAGE followed by western blot with 13024-1-AP (FBX15 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 13024-1-AP (FBX15 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).