

For Research Use Only

FBX15 Polyclonal antibody

Catalog Number: 13024-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

13024-1-AP

Size:

240 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3564

GenBank Accession Number:

BC029579

GeneID (NCBI):

201456

UNIPROT ID:

Q8NCQ5

Full Name:

F-box protein 15

Calculated MW:

434 aa, 49 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : A2780 cells, mouse ovary tissue

IHC : human ovary cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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 to 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

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

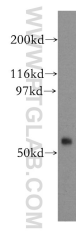
T: 4006900926

E: Proteintech-CN@ptglab.com

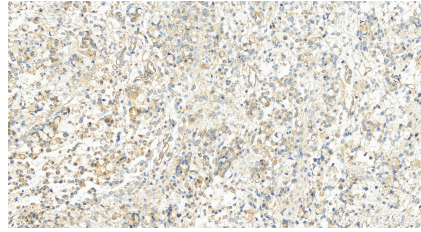
W: ptgcn.com

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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).