

For Research Use Only

# FBXO38 Polyclonal antibody

Catalog Number: 31282-1-AP



## Basic Information

<b>Catalog Number:</b> 31282-1-AP	<b>GenBank Accession Number:</b> XM_005268513.1	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 81545	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6PIJ6	
<b>Isotype:</b> IgG	<b>Full Name:</b> F-box protein 38	
<b>Immunogen Catalog Number:</b> AG35444	<b>Calculated MW:</b> 134kDa 1188aa	
	<b>Observed MW:</b> 140 kDa, 107 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, Jurkat cells, NIH/3T3 cells
<b>Species Specificity:</b> human, mouse	

## Background Information

F-box containing protein 38 (FBXO38; also known as MoKA) is a substrate receptor for SKP1-CUL1-dependent ubiquitin ligase (SCF). Initially, it was discovered as a modulator of transcription factor Krüppel-like factor 7 (KLF7) activity (PMID: 14729953). In addition, FBXO38 stability is controlled via ubiquitin-specific peptidase 7 (USP7), and FBXO38 protein expression was shown to be required for proper cytokinesis (PMID: 30804394). However, as a ubiquitin ligase, SCFFBXO38 is still insufficiently characterized. So far, the only potential substrate identified is programmed cell death 1 (PD-1) (PMID: 30487606, PMID: 35813202).

## 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

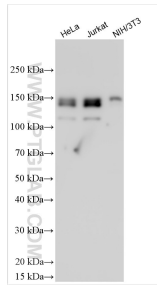
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31282-1-AP (FBXO38 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.