

For Research Use Only

# FBXO38 Polyclonal antibody, PBS Only

Catalog Number: 31282-1-PBS



## Basic Information

<b>Catalog Number:</b> 31282-1-PBS	<b>GenBank Accession Number:</b> XM_005268513.1	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 81545	
<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

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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 -80°C.

**Storage Buffer:**  
PBS Only

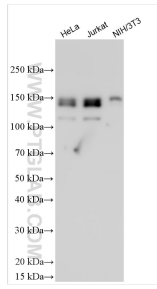
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## Selected Validation Data



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. This data was developed using the same antibody clone with 31282-1-PBS in a different storage buffer formulation.