

For Research Use Only

# FBXO6 Polyclonal antibody

Catalog Number: 11830-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 11830-1-AP	<b>GenBank Accession Number:</b> BC020880	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26270	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NRD1	
<b>Isotype:</b> IgG	<b>Full Name:</b> F-box protein 6	
<b>Immunogen Catalog Number:</b> AG2400	<b>Calculated MW:</b> 293 aa, 34 kDa	
	<b>Observed MW:</b> 35-40 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> mouse lung tissue,
<b>Cited Species:</b> mouse	<b>IHC :</b> human prostate 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

FBXO6(F-box only protein 6 ) is also named as FBG2, FBS2, FBX6 and belongs to the F-box protein family. It can regulate Chk1 ubiquitination and degradation in both normally cycling cells and during replication stress. This protein is mainly detected in the cytoplasm in both cultured cells and in tumor tissues. Its expression is a predictive biomarker of tumor responsiveness to the important anticancer drugs.(PMID:19716789). FBXO6 can inhibit the anaphase promoting complex (cyclosome APC) and prevent mitotic exit in cytostatic factor (CSF) arrested eggs as a mitotic regulator.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tao Zhang	37633478	Cell Signal	

## Storage

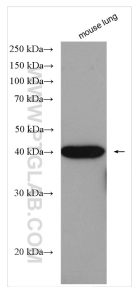
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

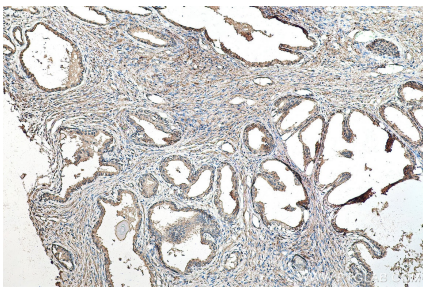
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Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 11830-1-AP (FBXO6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11830-1-AP (FBXO6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).