

For Research Use Only

# FBXO41 Polyclonal antibody

Catalog Number: 24519-1-AP

2 Publications



## Basic Information

### Catalog Number:

24519-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG21595

### GenBank Accession Number:

BC112202

### GeneID (NCBI):

150726

### UNIPROT ID:

Q8TF61

### Full Name:

F-box protein 41

### Calculated MW:

875 aa, 94 kDa

### Observed MW:

100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

rat

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

### Positive Controls:

WB : mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

IHC : mouse brain tissue,

## Background Information

FBXO41 also named as F box only protein 41 is a 875 amino-acid protein, which directly interact with SKP1 and CUL1. FBXO41 is identified as a Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex, which as a regulator mediates some protein ubiquitination degradation. FBXO41 consists of F-box domain and has zinc ion binding activity. FBXO41 may have an association with Parkinson's disease.

## Notable Publications

Author	Pubmed ID	Journal	Application
Odetta Antico	34767452	Sci Adv	WB
Ana R A Quadros	35372812	iScience	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

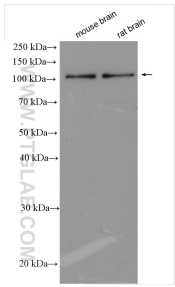
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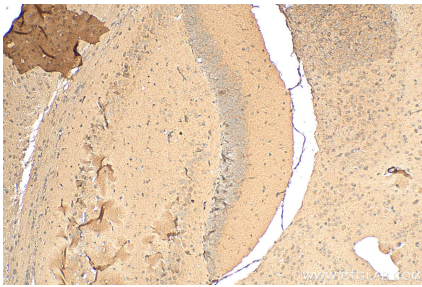
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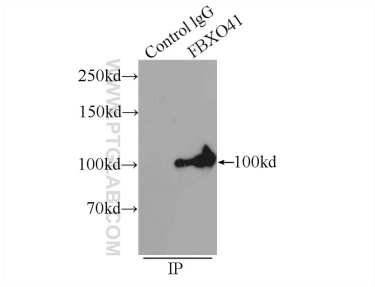
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24519-1-AP (FBXO41 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24519-1-AP (FBXO41 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-FBXO41 (IP:24519-1-AP, 4ug; Detection:24519-1-AP 1:1000) with mouse brain tissue lysate 6000ug.