

For Research Use Only

# FBXO44 Polyclonal antibody

Catalog Number: 10626-1-AP

1 Publications



## Basic Information

### Catalog Number:

10626-1-AP

### Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0977

### GenBank Accession Number:

BC007832

### GeneID (NCBI):

93611

### UNIPROT ID:

Q9H4M3

### Full Name:

F-box protein 44

### Calculated MW:

26 kDa

### Observed MW:

30-35 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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 liver tissue, rat liver tissue

IHC : human liver cancer tissue, mouse brain tissue

## Background Information

FBXO44 is a member of the F-box protein family that shares a function as substrate recognition factors for the SKP1-CUL1-F-box (SCF)-type ubiquitin ligase. Several human FBXs (FBXO2, FBXO6, FBXO17, FBXO27, and FBXO44) share a conserved G domain (also known as FBA domain), which is responsible for recognizing N-glycan moieties by most FBXs in this group except FBXO44. (PMID: 25970626, PMID: 23086937)

## Notable Publications

Author	Pubmed ID	Journal	Application
Shengli Li	36774361	Nat Commun	IHC

## 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

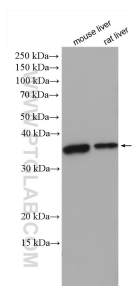
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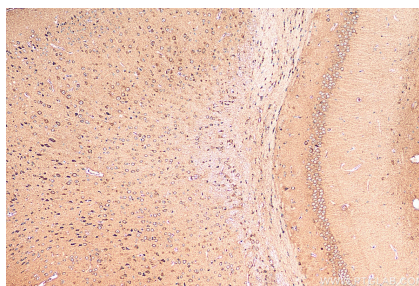
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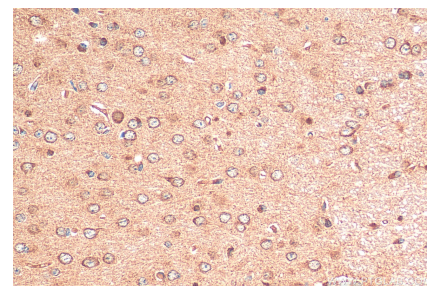
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10626-1-AP (FBXO44 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10626-1-AP (FBXO44 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10626-1-AP (FBXO44 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).