

For Research Use Only

# FBXO44 Recombinant antibody

Catalog Number: 82857-2-RR



## Basic Information

<b>Catalog Number:</b> 82857-2-RR	<b>GenBank Accession Number:</b> BC007832	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 93611	<b>CloneNo.:</b> 230229G7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H4M3	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:200-1:800 IF 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> F-box protein 44	
<b>Immunogen Catalog Number:</b> AG0977	<b>Calculated MW:</b> 26 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

### Tested Applications:

WB, IF, IHC, ELISA

### Species Specificity:

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 : K-562 cells, HepG2 cells, A549 cells, HeLa cells, HEK-293 cells

IHC : mouse brain tissue,

IF : A431 cells,

## 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)

## 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

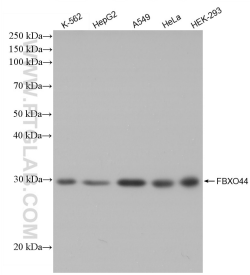
For technical support and original validation data for this product please contact:

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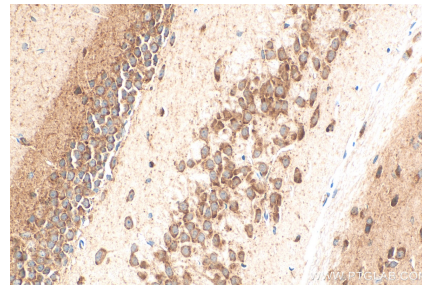
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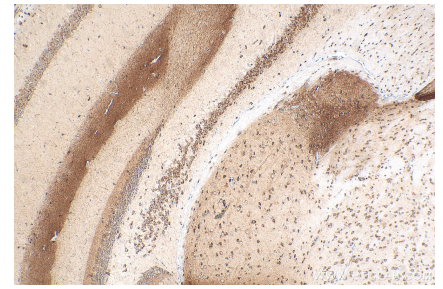
## Selected Validation Data



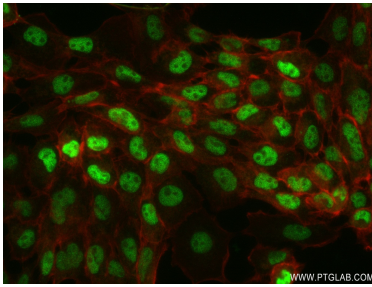
Various lysates were subjected to SDS PAGE followed by western blot with 82857-2-RR (FBXO44 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82857-2-RR (FBXO44 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82857-2-RR (FBXO44 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using FBXO44 antibody (82857-2-RR, Clone: 230229G7) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).