

For Research Use Only

FBXO44 Recombinant antibody

Catalog Number: 82857-2-RR



Basic Information

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

Applications

Tested Applications:
WB, IF/ICC, 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

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

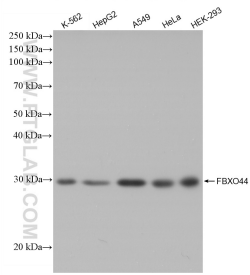
T: 4006900926

E: Proteintech-CN@ptglab.com

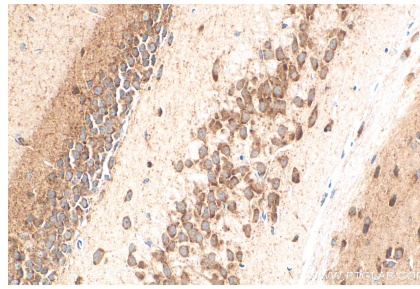
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

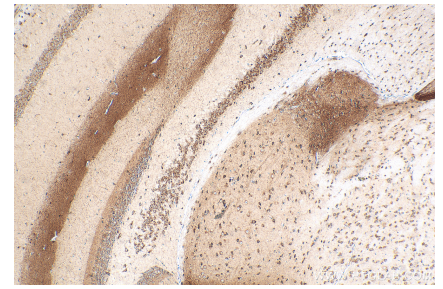
Selected Validation Data



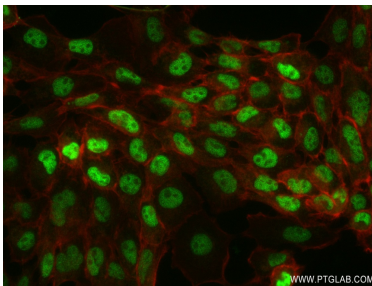
Various lysates were subjected to SDS PAGE followed by western blot with 82857-2-RR (FBXO44 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).