

For Research Use Only

FBXO44 Recombinant antibody, PBS Only



Catalog Number: 82857-2-PBS

Basic Information

Catalog Number: 82857-2-PBS	GenBank Accession Number: BC007832	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 93611	CloneNo.: 230229G7
Source: Rabbit	UNIPROT ID: Q9H4M3	
Isotype: IgG	Full Name: F-box protein 44	
Immunogen Catalog Number: AG0977	Calculated MW: 26 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

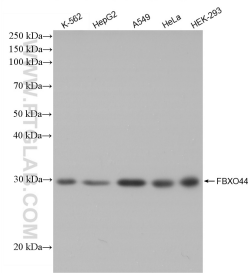
T: 4006900926

E: Proteintech-CN@ptglab.com

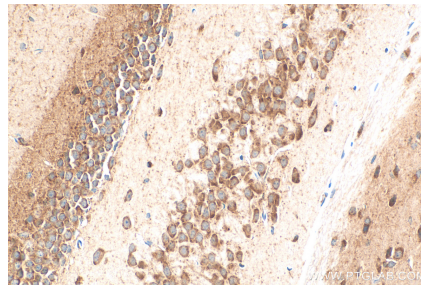
W: ptgcn.com

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

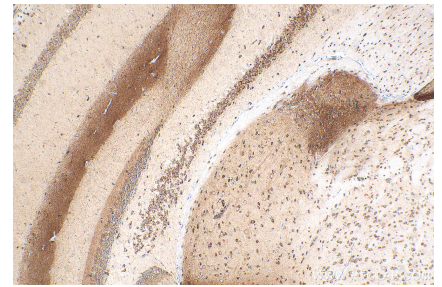
Selected Validation Data



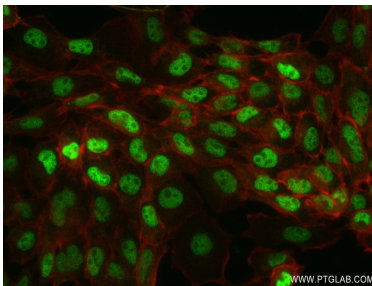
Various lysates were subjected to SDS PAGE followed by western blot with 82857-2-RR (FBXO44 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82857-2-PBS in a different storage buffer formulation.



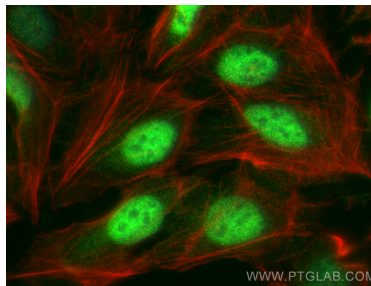
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82857-2-RR (FBXO44 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82857-2-PBS in a different storage buffer formulation.



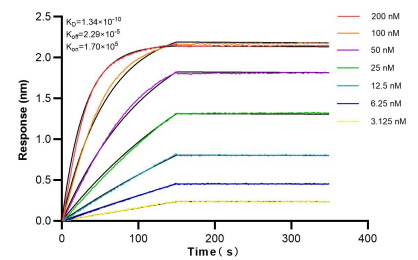
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82857-2-RR (FBXO44 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82857-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82857-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using FBXO44 antibody (82857-2-RR, Clone: 230229G7) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 82857-2-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 82857-2-RR against Human FBXO44 were performed. The affinity constant is 0.134 nM.