

For Research Use Only

FBXO41 Polyclonal antibody

Catalog Number: 24519-1-AP **2 Publications**



Basic Information

Catalog Number: 24519-1-AP	GenBank Accession Number: BC112202	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 150726	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB IHC 1:50-1:500
Source: Rabbit	Full Name: F-box protein 41	
Isotype: IgG	Calculated MW: 875 aa, 94 kDa	
Immunogen Catalog Number: AG21595	Observed MW: 100 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse brain tissue, rat brain tissue
Species Specificity: human, mouse, rat	IP : mouse brain tissue,
Cited Species: rat	IHC : mouse brain tissue,

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

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 RA A Quadros	35372812	iScience	WB

Storage

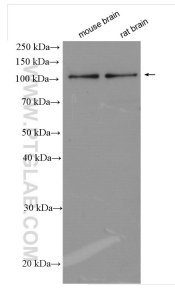
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

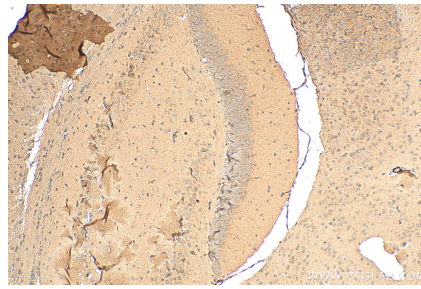
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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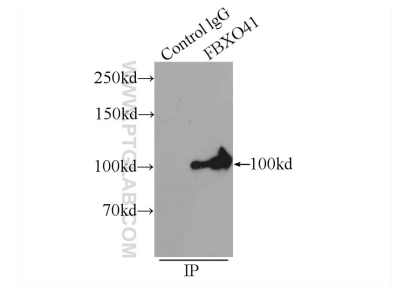
Selected Validation Data



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.