

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: 500 µg/ml	GeneID (NCBI): 150726	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8TF61	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: F-box protein 41	IHC 1:50-1:500
Immunogen Catalog Number: AG21595	Calculated MW: 875 aa, 94 kDa	
	Observed MW: 100 kDa	

Applications

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

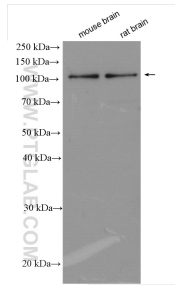
Storage

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

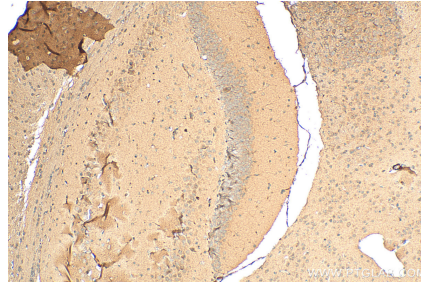
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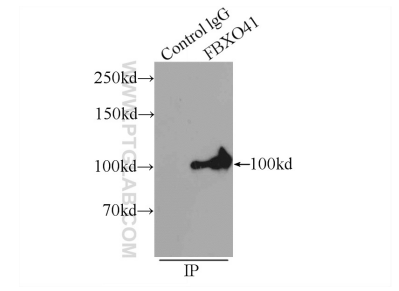
Selected Validation Data



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.