

For Research Use Only

OTUD7B Polyclonal antibody

Catalog Number: 16605-1-AP

Featured Product

17 Publications



Basic Information

Catalog Number: 16605-1-AP	GenBank Accession Number: BC020622	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 56957	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	Full Name: OTU domain containing 7B	
Isotype: IgG	Calculated MW: 427aa,48 kDa; 843aa,93 kDa	
Immunogen Catalog Number: AG9788	Observed MW: 100 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: CoIP, IF, IHC, IP, WB	WB: Jurkat cells,
Species Specificity: human, mouse, rat	IP: Jurkat cells,
Cited Species: human, rat, mouse	IHC: human kidney tissue, human heart tissue, mouse kidney tissue, mouse heart 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

OTUD7B is a member of the A20 family of the deubiquitinating cysteine proteases, which has deubiquitinating activity that is directed towards 'Lys-48' or 'Lys-63'-linked polyubiquitin chains. It plays a key role in the negative feedback regulation of NF-κB signaling in response to multiple stimuli and has been described as central gatekeeper in inflammation and immunity. The calculated molecular weight of OTUD7B is 93 kDa, but the modified OTUD7B is about 100 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Dan-Dan Lin	31572671	Front Oncol	IHC
Shuang Feng	28882872	Arterioscler Thromb Vasc Biol	WB,IF
Chun-Ping Cui	30405104	Nat Commun	WB

Storage

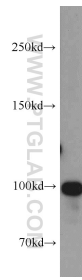
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

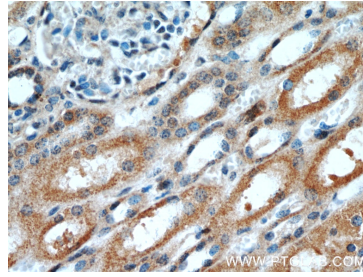
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

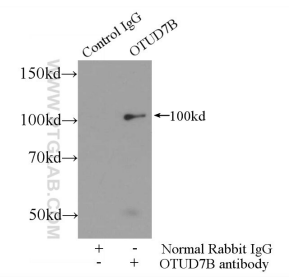
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 16605-1-AP (OTUD7B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 16605-1-AP (OTUD7B antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-OTUD7B (IP:16605-1-AP, 4ug; Detection:16605-1-AP 1:800) with Jurkat cells lysate 2500ug.