For Research Use Only

OTUD7B Polyclonal antibody

Catalog Number:16605-1-AP Featured Product 21 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
16605-1-AP

Size:
150ul , Concentration: 550 µg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG9788

GenBank Accession Number:
BC020622

GeneID (NCBI):
56957

UNIPROT ID:
Q6GQQ9

Full Name:
OTU domain containing 7B

Calculated MW:
427aa,48 kDa; 843aa,93 kDa

Observed MW:
100 kDa

Purification Method:
Antigen affinity purification

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

Applications

Tested Applications:
WB, IP, IHC, ELISA

Cited Applications:
WB, IHC, IP, CoIP, IF

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

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 : Jurkat cells,

IP : Jurkat cells,

IHC : human kidney tissue, human heart tissue, mouse kidney tissue, mouse heart tissue

Background Information

OUTD7B 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

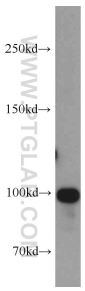
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

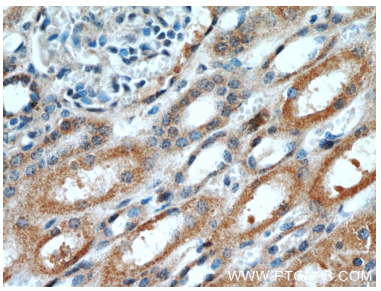
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

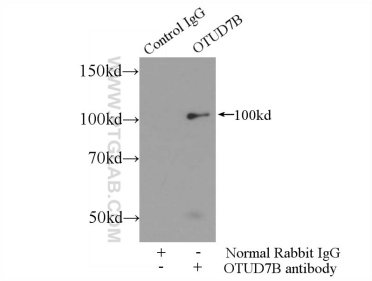
Selected Validation Data



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.