

For Research Use Only

# OTUD7B Polyclonal antibody

Catalog Number: 16605-1-AP

Featured Product

17 Publications



## Basic Information

**Catalog Number:**

16605-1-AP

**Size:**

550 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF, IHC, CoIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse

**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

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

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E: Proteintech-CN@ptglab.com

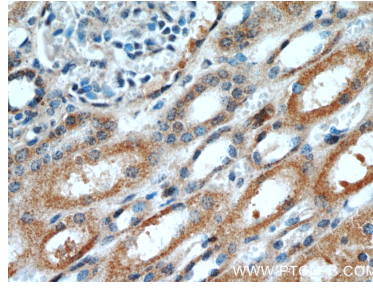
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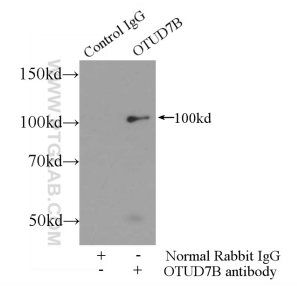
## Selected Validation Data



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.