

For Research Use Only

OTUD5 Polyclonal antibody

Catalog Number: 21002-1-AP

8 Publications



Basic Information

Catalog Number:

21002-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15190

GenBank Accession Number:

BC028225

GeneID (NCBI):

55593

UNIPROT ID:

Q96G74

Full Name:

OTU domain containing 5

Calculated MW:

571 aa, 61 kDa

Observed MW:

70-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IF, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: HEK-293T cells, HEK-293 cells, HeLa cells, Jurkat cells, K-562 cells, NIH/3T3 cells, C6 cells

IF/ICC: A431 cells,

Background Information

The deubiquitinating enzyme OTUD5, also known as deubiquitinating enzyme A (DUBA), is a member of the deubiquitinating enzyme OTU family. By deubiquitinating other proteins, OTUD5 is an important regulator of several physiological processes, such as immune signaling and DNA damage responses. The dysregulation of these processes can increase the risk of associated diseases, including inflammation, cancer and genetic disorders.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiangqiang Liu	35913115	Elife	WB
Junjing Zhang	40070026	Clin Transl Med	WB
Xiaomeng Song	39721018	Adv Sci (Weinh)	WB,IF

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

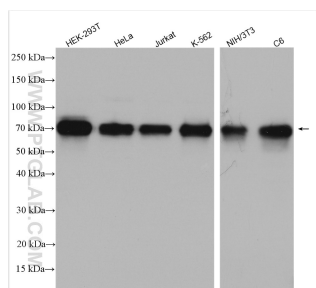
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

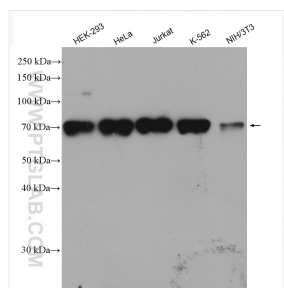
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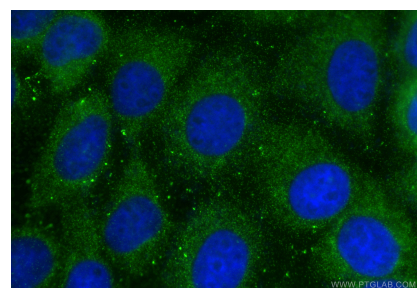
Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 21002-1-AP (OTUD5 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 21002-1-AP (OTUD5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using OTUD5 antibody (21002-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).