

For Research Use Only

OTUD4 Polyclonal antibody

Catalog Number: 25070-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number:

25070-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18401

GenBank Accession Number:

BC118653

GeneID (NCBI):

54726

UNIPROT ID:

Q01804

Full Name:

OTU domain containing 4

Calculated MW:

1113 aa, 124 kDa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse

Cited Species:

human, 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 : Daudi cells, Raji cells

IHC : human kidney tissue,

Background Information

OTUD4, a member of the OTU family, encodes for a protein of 495 amino acids with an OTU domain and functions via their enzymatic deubiquitinating activities. OTUD4 nominally encodes a K48-specific deubiquitinase previously shown to counteract proteasomal degradation of DNA repair proteins. OTUD4 has been identified to be down-regulated in multiple human tumor types, and lower OTUD4 expression indicates a poor prognosis.(PMID: 36411454, PMID: 32184655, PMID: 29395066)

Notable Publications

Author	Pubmed ID	Journal	Application
Haiyan Ye	35317262	Front Microbiol	WB
Deyu Zhang	40086433	Dev Cell	WB,IP,IF
Jiayu Wang	39888301	Adv Sci (Weinh)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

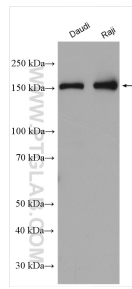
For technical support and original validation data for this product please contact:

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

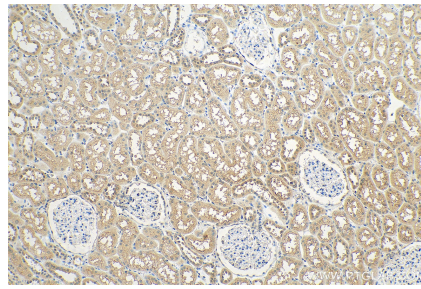
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysate were subjected to SDS PAGE followed by western blot with 25070-1-AP (OTUD4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25070-1-AP (OTUD4 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).