

For Research Use Only

OTUD4 Polyclonal antibody

Catalog Number: 25070-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 25070-1-AP	GenBank Accession Number: BC118653	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 440 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54726	Recommended Dilutions: WB 1:500-1:3000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q01804	
Isotype: IgG	Full Name: OTU domain containing 4	
Immunogen Catalog Number: AG18401	Calculated MW: 1113 aa, 124 kDa	
	Observed MW: 140-150 kDa	

Applications

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

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
Mingxin Ci	38429268	Cell Death Dis	WB,IHC,CoIP
Shaowei Wang	38215174	PLoS Pathog	WB

Storage

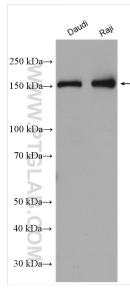
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

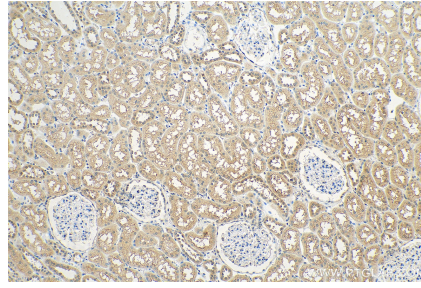
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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).