

For Research Use Only

DTL Polyclonal antibody

Catalog Number: 12896-1-AP **2 Publications**



Basic Information

Catalog Number: 12896-1-AP	GenBank Accession Number: BC033540	Purification Method: Antigen affinity purification
Size: 200 µg/ml	GeneID (NCBI): 51514	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: Q9NZJ0	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: denticleless homolog (Drosophila)	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG3589	Calculated MW: 730 aa, 79 kDa	
	Observed MW: 79 kDa	

Applications

Tested Applications: WB, IF/ICC, IP, ELISA	Positive Controls: WB : HeLa cells, L02 cells, MCF-7 cells
Cited Applications: WB, IF	IP : mouse testis tissue,
Species Specificity: human, mouse, rat	IF/ICC : HeLa cells,
Cited Species: human, mouse	

Background Information

CDT2, also named as LZDTL or RAMP, is one of the substrate receptors of the Cullin Ring Ubiquitin Ligase 4 that targets for ubiquitin mediated degradation a number of substrates, such as CDT1, p21 and CHK1, involved in the regulation of cell cycle and survival. CDT2 overexpression was reported in breast (PMID: 18542055), gastric (PMID: 19672268) and ovarian carcinomas (PMID: 23995842) and rhabdomyosarcomas (PMID: 19235922) and associated with the aggressiveness of hepatocellular carcinomas (PMID: 17106265).

Notable Publications

Author	Pubmed ID	Journal	Application
Chunxia Zhang	35108058	Sci Adv	IF
Chengli Yu	36843329	Proteomics	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:

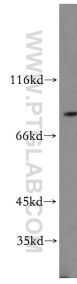
T: 4006900926

E: Proteintech-CN@ptglab.com

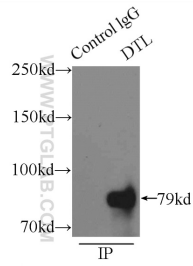
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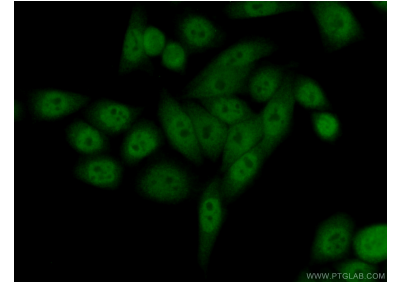
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 12896-1-AP (DTL antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



IP result of anti-DTL (IP:12896-1-AP, 3ug; Detection:12896-1-AP 1:500) with mouse testis tissue lysate 8000ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 12896-1-AP (DTL antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).