

For Research Use Only

ENTPD7 Polyclonal antibody

Catalog Number: 24558-1-AP



Basic Information

Catalog Number: 24558-1-AP	GenBank Accession Number: BC122857	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 480 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57089	Recommended Dilutions: WB 1:200-1:1000 IHC 1:150-1:600 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9NQZ7	
Isotype: IgG	Full Name: ectonucleoside triphosphate diphosphohydrolase 7	
Immunogen Catalog Number: AG18417	Calculated MW: 604 aa, 69 kDa	
	Observed MW: 69 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Species Specificity: human	WB: HeLa cells,
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IHC: human ovary tumor tissue,
	IF: HeLa cells,

Background Information

Ectonucleoside triphosphate diphosphohydrolase 7 (ENTPD7), also known as LALP1, is a member of the ectonucleoside triphosphate diphosphohydrolase (E-NTPDase) family. It is located in the nucleoplasm and has an effect on oxidative stress, DNA damage and ageing (PMID: 27737960).

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

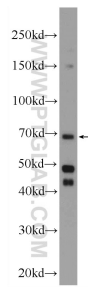
For technical support and original validation data for this product please contact:

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

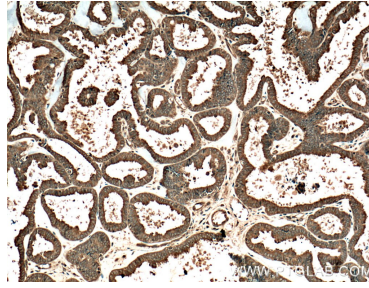
E: proteintech@ptglab.com
W: ptglab.com

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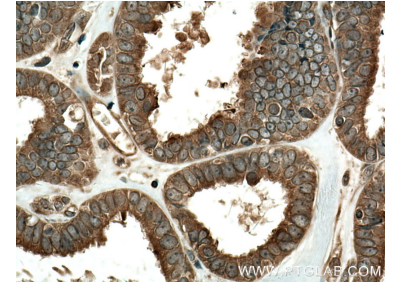
Selected Validation Data



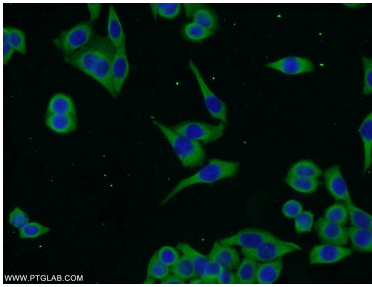
HeLa cells were subjected to SDS PAGE followed by western blot with 24558-1-AP (ENTPD7 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 24558-1-AP (ENTPD7 Antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 24558-1-AP (ENTPD7 Antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells using 24558-1-AP (ENTPD7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).