

For Research Use Only

THOP1 Polyclonal antibody

Catalog Number: 11738-1-AP



Basic Information

Catalog Number: 11738-1-AP	GenBank Accession Number: BC000135	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 7064	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: P52888	
Isotype: IgG	Full Name: thimet oligopeptidase 1	
Immunogen Catalog Number: AG2268	Calculated MW: 689 aa, 79 kDa	
	Observed MW: 79 kDa	

Applications

Tested Applications:

IHC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

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 : HEK-293T cells, HeLa cells, Jurkat cells, K-562 cells, human placenta tissue

IP : human placenta tissue,

IHC : human colon cancer tissue,

Background Information

Thimet oligopeptidase(THOP1) is a metallopeptidase implicated in the metabolism of many sleep-related peptides, including angiotensin I, gonadotropin releasing hormone (GnRH), neurotensin, and opioid peptides

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:

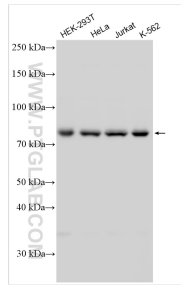
T: 4006900926

E: Proteintech-CN@ptglab.com

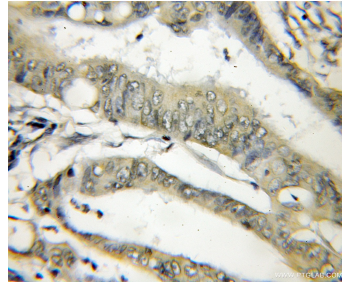
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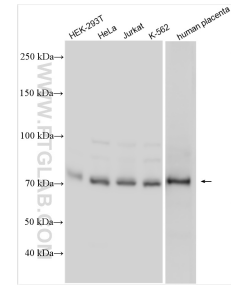
Selected Validation Data



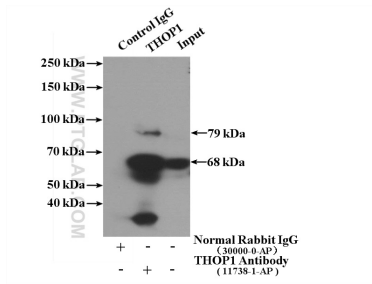
Various lysates were subjected to SDS PAGE followed by western blot with 11738-1-AP (THOP1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 11738-1-AP (THOP1 antibody) at dilution of 1:50 (under 10x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 11738-1-AP (THOP1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP result of anti-THOP1 (IP:11738-1-AP, 4ug; Detection:11738-1-AP 1:500) with human placenta tissue lysate 1520ug.