

For Research Use Only

THOP1 Monoclonal antibody

Catalog Number: 68587-1-Ig



Basic Information

Catalog Number: 68587-1-Ig	GenBank Accession Number: BC000135	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7064	CloneNo.: 1B11A11
Source: Mouse	Full Name: thimet oligopeptidase 1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Calculated MW: 689 aa, 79 kDa	
Immunogen Catalog Number: AG2268	Observed MW: 79 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, rat brain tissue, HeLa cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, Mouse brain tissue
Species Specificity: Human, Mouse , Rat	

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

*** 20ul sizes contain 0.1% BSA

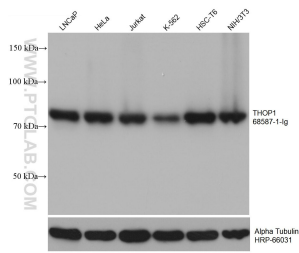
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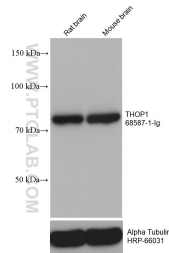
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68587-1-ig (THOP1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



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