

For Research Use Only

THOP1 Monoclonal antibody

Catalog Number: 68587-1-Ig

Featured Product



Basic Information

Catalog Number:

68587-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG2268

GenBank Accession Number:

BC000135

GeneID (NCBI):

7064

UNIPROT ID:

P52888

Full Name:

thimet oligopeptidase 1

Calculated MW:

689 aa, 79 kDa

Observed MW:

79 kDa

Purification Method:

Protein A purification

CloneNo.:

1B11A11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : LNCaP cells, rat brain tissue, HeLa cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, Mouse brain 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:

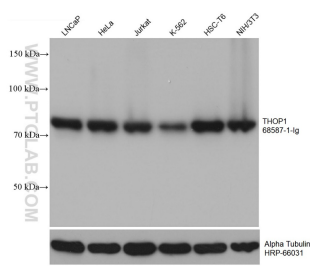
T: 4006900926

E: Proteintech-CN@ptglab.com

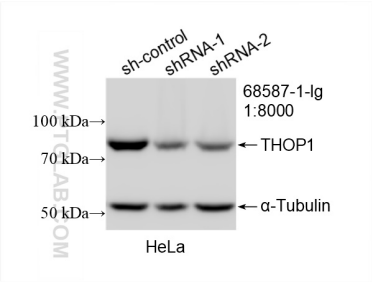
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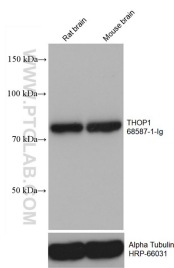
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.



WB result of THOP1 antibody (68587-1-Ig; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-THOP1 transfected HeLa cells.



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