10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

THOP1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15467

Specification

THOP1 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P52888
Other Accession	NM_003249, NP_003240
Reactivity	**Human**
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**76kDa KDa**

THOP1 Antibody - C-terminal region - Additional Information

Gene ID 7064

Alias Symbol	**EP24.15, MEPD_HUMAN, MP78, TOP**

Other Names
Thimet oligopeptidase, 3.4.24.15, Endopeptidase 24.15, MP78, THOP1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-THOP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
THOP1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

THOP1 Antibody - C-terminal region - Protein Information

Name THOP1

Function
Involved in the metabolism of neuropeptides under 20 amino acid residues long. Involved in cytoplasmic peptide degradation (PubMed:7639763, PubMed:17251185). Able to degrade the amyloid-beta precursor protein and generate amyloidogenic fragments (PubMed:7639763, PubMed:17251185). Also acts as a regulator of cannabinoid signaling pathway by mediating degradation of hemopressin, an antagonist peptide of the cannabinoid receptor CNR1 (By similarity).

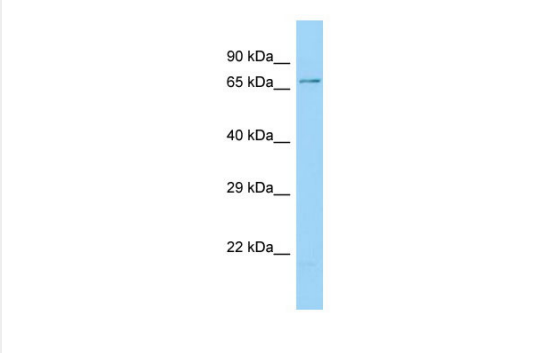
Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:P47788}.

THOP1 Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

THOP1 Antibody - C-terminal region - Images



Host: Rabbit
Target Name: THOP1
Sample Tissue: Hela Whole cell lysate
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Antibody Dilution: 1.0µg/mlTHOP1 is supported by BioGPS gene expression data to be expressed in HeLa

THOP1 Antibody - C-terminal region - References

Thompson A.,et al.Biochem. Biophys. Res. Commun. 213:66-73(1995).
Taylor G.R.,et al.Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).
Papastoitsis G.,et al.Biochemistry 33:192-199(1994).