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THOP1 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15467

Product Information

Application	WB
Primary Accession	P52888
Other Accession	NM_003249, NP_003240
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78840

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.

Protein Information

Name	THOP1
Function	Involved in the metabolism of neuropeptides under 20 amino acid residues long. Involved in cytoplasmic peptide degradation (PubMed:17251185, PubMed:7639763). Able to degrade the amyloid-beta precursor protein and generate amyloidogenic fragments (PubMed:17251185, PubMed:7639763). 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}.

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).

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.