

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

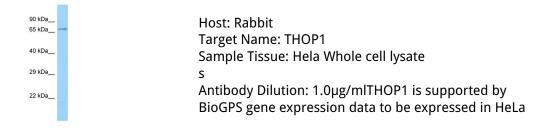
receptor CNR1 (By similarity).

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



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