

THOP1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54593

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	P52888
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78840

Additional Information

Gene ID	7064
Other Names	Thimet oligopeptidase, 3.4.24.15, Endopeptidase 24.15, MP78, THOP1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}.

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