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Product datasheet for TA370255

Thimet Oligopeptidase (THOP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human cerebrum tissue and Human fetal brain tissue lysates IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human THOP1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	79 kDa
Gene Name:	thimet oligopeptidase 1
Database Link:	Entrez Gene 7064 Human P52888
Background:	The protein encoded by this gene is a kininase that uses zinc as a cofactor. The encoded oligopeptidase cleaves cytosolic peptides, making them unavailable for display on antigen-presenting cells. This protein also cleaves neuropeptides under 20 aa in length and can degrade beta-amyloid precursor protein to amyloidogenic peptides.
Synonyms:	EP24.15; MEPD_HUMAN; MP78; TOP

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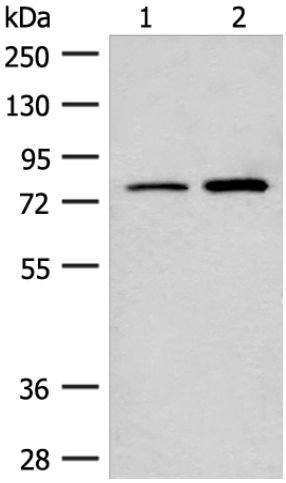
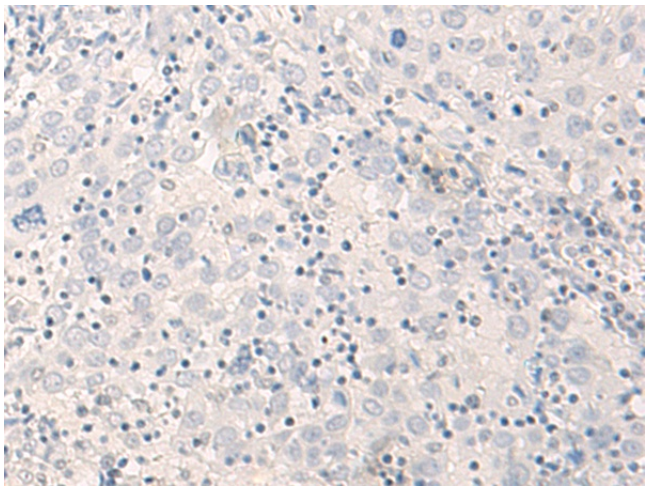
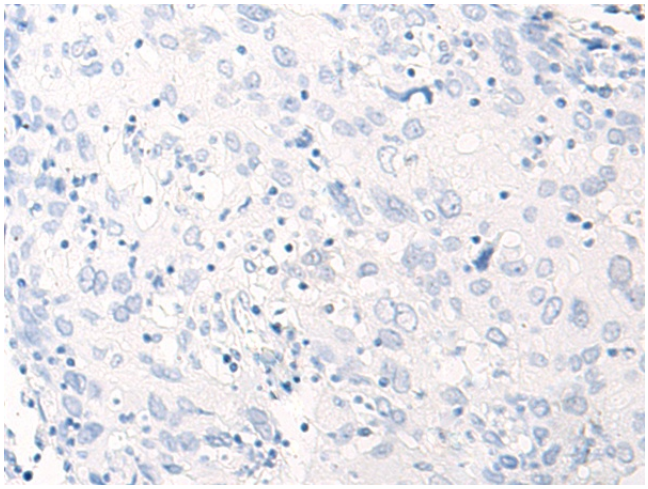
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Human cerebrum tissue and Human fetal brain tissue lysates
Primary antibody: TA370255 (THOP1 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA370255 (THOP1 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA370255 (THOP1 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: ×200)