Product datasheet for TA365907

Thimet Oligopeptidase (THOP1) Rabbit Polyclonal Antibody
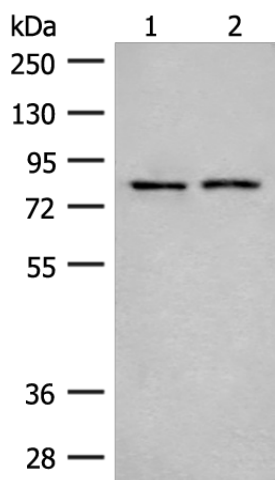
Product data:

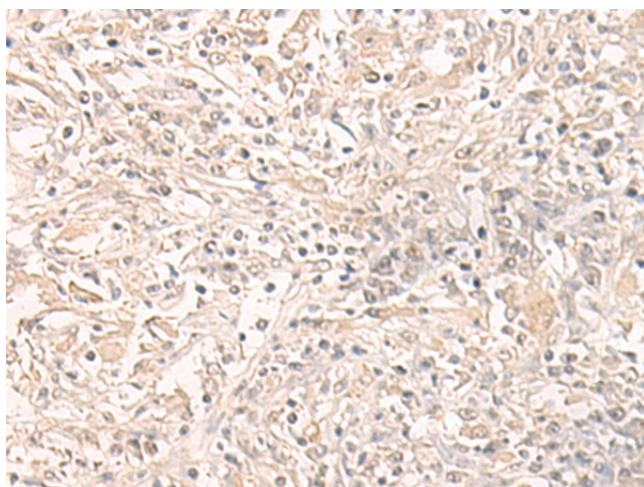|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000
	WB positive control: A172 cell and Human fetal brain tissue lysates
	IHC: 30-150
	Positive control: Human liver cancer
	Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	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: A172 cell and Human fetal brain tissue lysates
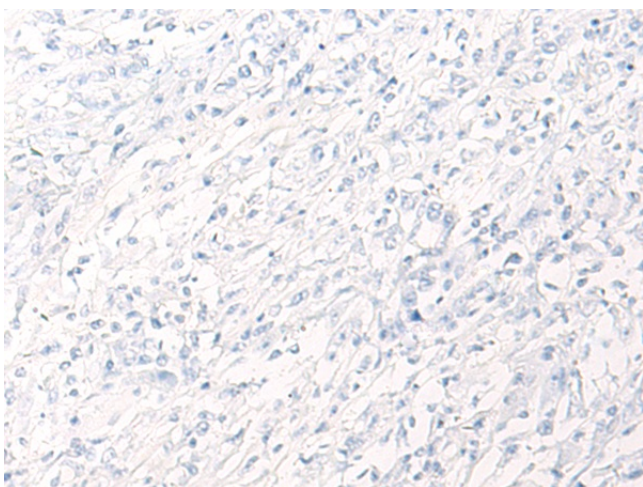Primary antibody: TA365907 (THOP1 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365907 (THOP1 Antibody) at dilution 1/40 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365907 (THOP1 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)