



Anti-THOP1 monoclonal antibody, clone FQS8762 (DCABH-4303)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Thimet Oligopeptidase
Antigen Description	Involved in the metabolism of neuropeptides under 20 amino acid residues long. Involved in cytoplasmic peptide degradation. Able to degrade the beta-amyloid precursor protein and generate amyloidogenic fragments.
Immunogen	Synthetic peptide, corresponding to residues in Human Thimet Oligopeptidase (UniProt: P52888).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS8762
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	Human cerebellum, fetal brain, K562, SH-SY5Y, THP1 and MCF7 lysates; MCF7 cells.
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Preservative	0.01% Sodium Azide

Storage	Store at -20°C.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	THOP1 thimet oligopeptidase 1 [Homo sapiens]
Official Symbol	THOP1
Synonyms	THOP1; thimet oligopeptidase 1; thimet oligopeptidase; endopeptidase 24.15; TOP; MP78; EP24.15; MEPD_HUMAN;
Entrez Gene ID	7064
Protein Refseq	NP_003240
UniProt ID	P52888
Chromosome Location	19p13.3
Pathway	African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Renin-angiotensin system, organism-specific biosystem; Renin-angiotensin system, conserved biosystem;
Function	metal ion binding; metalloendopeptidase activity; peptidase activity; peptide binding;