

Datasheet for ABIN1392720

**anti-Thimet Oligopeptidase 1 antibody (AA 51-150) (Alexa Fluor 647)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Thimet Oligopeptidase 1 (THOP1)
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thimet Oligopeptidase 1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Thimet Oligopeptidase
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Horse
Purification:	Purified by Protein A.

## Target Details

Target:	Thimet Oligopeptidase 1 (THOP1)
Alternative Name:	THOP1/Thimet Oligopeptidase ( <a href="#">THOP1 Products</a> )
Background:	Synonyms: Endopeptidase 24.15, EP24.15, MEPD_HUMAN, MP78, Thimet oligopeptidase 1,

## Target Details

Thimet oligopeptidase, Thop1, THOP1\_HUMAN, EC 3.4.24.15.

Background: Thimet oligopeptidase, also designated soluble metallo-endopeptidase, is a cytoplasmic protein belonging to the peptidase M3 family. The gene for the protein maps against chromosome 19q13.3. Thimet oligopeptidase can degrade the b-Amyloid precursor protein and generate amyloidogenic fragments. It is important in cytoplasmic peptide degradation and involved in metabolism of neuropeptides that are less than 20 amino acids in length. Thimet oligopeptidase is highly expressed in testis but can also be detected in liver, lung and kidney.

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months