

**THUMPD1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8504b****Specification**

---

**THUMPD1 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9NXG2](#)**THUMPD1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 55623**Other Names**

THUMP domain-containing protein 1, THUMPD1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8504b](/products/AP8504b) was selected from the C-term region of human THUMPD1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**THUMPD1 Antibody (C-term) Blocking Peptide - Protein Information****Name** THUMPD1**Function**

Functions as a tRNA-binding adapter to mediate NAT10- dependent tRNA acetylation modifying cytidine to N4-acetylcytidine (ac4C) (PubMed:[25653167](http://www.uniprot.org/citations/25653167), PubMed:[35196516](http://www.uniprot.org/citations/35196516)).

**THUMPD1 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**THUMPD1 Antibody (C-term) Blocking Peptide - Images****THUMPD1 Antibody (C-term) Blocking Peptide - Background**

THUMPD1 contains a THUMP (after thiouridine synthases, RNA methylases and pseudouridine synthases) domain which is a module of 100-110 amino acid residues which is involved RNA metabolism. The function of this protein has not yet been determined.

**THUMPD1 Antibody (C-term) Blocking Peptide - References**

Sugiyama,N., et.al., Mol. Cell Proteomics 6 (6), 1103-1109 (2007)