

**TRIM4 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13289a**

**Specification**

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**TRIM4 Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">O9C037</a>
Other Accession	<a href="#">NP_148977.2</a> , <a href="#">NP_149082.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57461
Antigen Region	112-141

**TRIM4 Antibody (N-term) - Additional Information**

**Gene ID** 89122

**Other Names**

E3 ubiquitin-protein ligase TRIM4, 632-, RING finger protein 87, Tripartite motif-containing protein 4, TRIM4, RNF87

**Target/Specificity**

This TRIM4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 112-141 amino acids from the N-terminal region of human TRIM4.

**Dilution**

WB~~1:1000  
IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TRIM4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TRIM4 Antibody (N-term) - Protein Information**

**Name** TRIM4

## Synonyms RNF87

**Function** E3 ubiquitin-protein ligase. Mediates 'Lys-63'-linked polyubiquitination of the innate immune receptor RIGI, this linkage doesn't lead to proteasomal degradation but seems to enhance IFN induction.

## Cellular Location

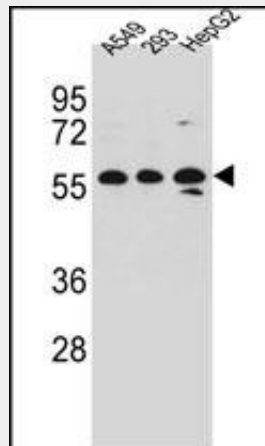
Cytoplasm.

## TRIM4 Antibody (N-term) - Protocols

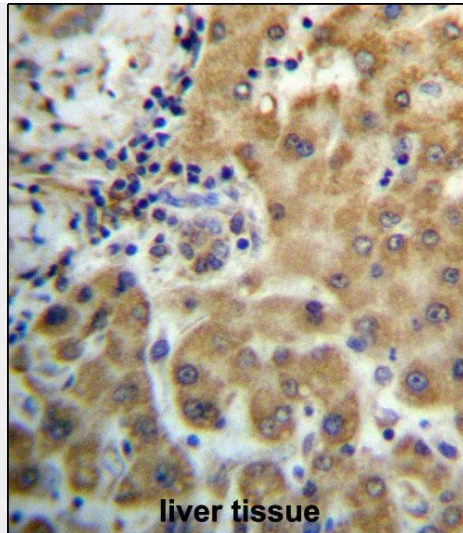
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## TRIM4 Antibody (N-term) - Images



TRIM4 Antibody (N-term) (Cat. #AP13289a) western blot analysis in A549,293,HepG2 cell line lysates (35ug/lane).This demonstrates the TRIM4 antibody detected the TRIM4 protein (arrow).



TRIM4 Antibody (N-term) (Cat. #AP13289a) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TRIM4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **TRIM4 Antibody (N-term) - Background**

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies. Its function has not been identified. Alternatively spliced transcript variants that encode different isoforms have been described.

#### **TRIM4 Antibody (N-term) - References**

Kasyapa, C., et al. Proteomics 9(16):3979-3988(2009)  
Li, X., et al. Virology 360(2):419-433(2007)  
Thompson, E.E., et al. Pharmacogenomics J. 6(2):105-114(2006)  
Reymond, A., et al. EMBO J. 20(9):2140-2151(2001)

#### **TRIM4 Antibody (N-term) - Citations**

- [SARS-CoV-2 Nsp8 suppresses MDA5 antiviral immune responses by impairing TRIM4-mediated K63-linked polyubiquitination.](#)