

# TRIM4 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13289a

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">Q9C037</a>
<b>Other Accession</b>	<a href="#">NP_148977.2</a> , <a href="#">NP_149082.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB33253
<b>Calculated MW</b>	57461
<b>Antigen Region</b>	112-141

## Additional Information

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<b>Gene ID</b>	89122
<b>Other Names</b>	E3 ubiquitin-protein ligase TRIM4, 632-, RING finger protein 87, Tripartite motif-containing protein 4, TRIM4, RNF87
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	TRIM4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TRIM4
<b>Synonyms</b>	RNF87
<b>Function</b>	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.

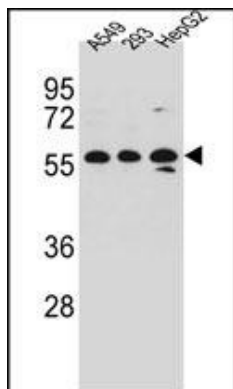
## Background

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.

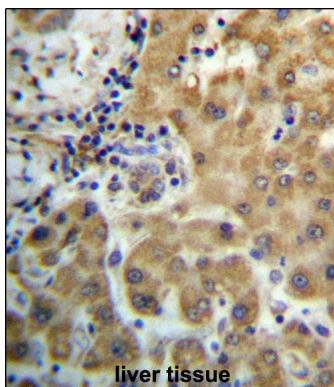
## References

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)

## 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.