

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

Specification

TRIM4 Antibody (N-term) - Product Information

| | |
|-------------------|---|
| Application | WB, IHC-P,E |
| Primary Accession | O9C037 |
| Other Accession | NP_148977.2 , NP_149082.1 |
| 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

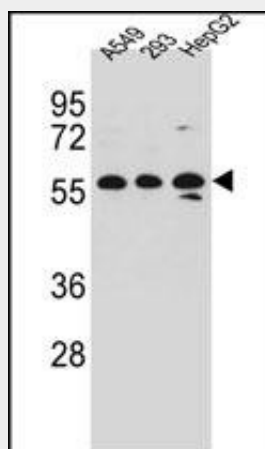
Cytoplasm.

TRIM4 Antibody (N-term) - Protocols

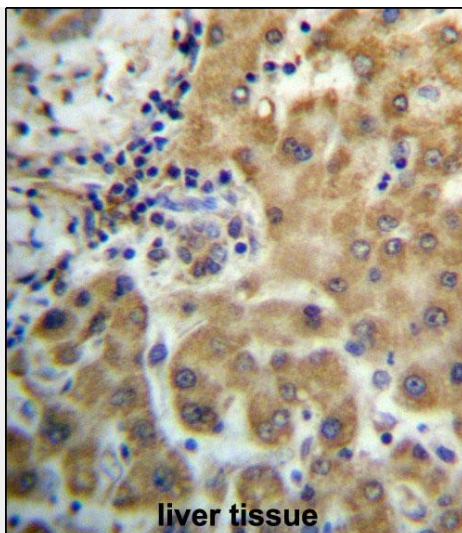
Provided below are standard protocols that you may find useful for product applications.

- [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)