

**TRIM10 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12700b**

**Specification**

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**TRIM10 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9UDY6</a>
Other Accession	<a href="#">NP_006769.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55037
Antigen Region	410-438

**TRIM10 Antibody (C-term) - Additional Information**

**Gene ID** 10107

**Other Names**

Tripartite motif-containing protein 10, B30-RING finger protein, RING finger protein 9, TRIM10, RFB30, RNF9

**Target/Specificity**

This TRIM10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 410-438 amino acids from the C-terminal region of human TRIM10.

**Dilution**

WB~~1:1000

**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**

TRIM10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TRIM10 Antibody (C-term) - Protein Information**

**Name** TRIM10

**Synonyms** RFB30, RNF9

**Function** E3 ligase that plays an essential role in the differentiation and survival of terminal erythroid cells. May directly bind to PTEN and promote its ubiquitination, resulting in its proteasomal degradation and activation of hypertrophic signaling (By similarity). In addition, plays a role in immune response regulation by repressing the phosphorylation of STAT1 and STAT2 in the interferon/JAK/STAT signaling pathway independent of its E3 ligase activity. Mechanistically, interacts with the intracellular domain of IFNAR1 and thereby inhibits the association between TYK2 and IFNAR1 (PubMed:[33811647](#)).

#### **Cellular Location**

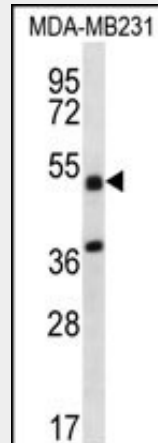
Cytoplasm

#### **TRIM10 Antibody (C-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](#)

#### **TRIM10 Antibody (C-term) - Images**



TRIM10 Antibody (C-term) (Cat. #AP12700b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the TRIM10 antibody detected the TRIM10 protein (arrow).

#### **TRIM10 Antibody (C-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. This protein localizes to cytoplasmic bodies. Studies in mice suggest that this protein plays a role in terminal differentiation of erythroid cells. Alternate splicing of this gene generates two transcript variants encoding different isoforms.

**TRIM10 Antibody (C-term) - References**

- Fellay, J., et al. PLoS Genet. 5 (12), E1000791 (2009) :  
Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :  
Shiina, T., et al. Genetics 173(3):1555-1570(2006)  
Reymond, A., et al. EMBO J. 20(9):2140-2151(2001)  
Orimo, A., et al. Biochem. Biophys. Res. Commun. 276(1):45-51(2000)