

**TRIM6 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20469a**

**Specification**

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**TRIM6 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9C030</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56400
Antigen Region	26-55

**TRIM6 Antibody (N-term) - Additional Information**

**Gene ID** 117854

**Other Names**

Tripartite motif-containing protein 6, RING finger protein 89, TRIM6, RNF89

**Target/Specificity**

This TRIM6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-55 amino acids from the N-terminal region of human TRIM6.

**Dilution**

WB~~1:2000

**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**

TRIM6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TRIM6 Antibody (N-term) - Protein Information**

**Name** TRIM6

**Synonyms** RNF89

**Function** E3 ubiquitin ligase that plays a crucial role in the activation of the IKBKE-dependent

branch of the type I interferon signaling pathway (PubMed:[24882218](#), PubMed:[31694946](#)). In concert with the ubiquitin-conjugating E2 enzyme UBE2K, synthesizes unanchored 'Lys- 48'-linked polyubiquitin chains that promote the oligomerization and autophosphorylation of IKBKE leading to stimulation of an antiviral response (PubMed:[24882218](#)). Ubiquitinates also MYC and inhibits its transcription activation activity, maintaining the pluripotency of embryonic stem cells (By similarity). Promotes the association of unanchored 'Lys-48'-polyubiquitin chains with DHX16 leading to enhanced RIGI-mediated innate antiviral immune response (PubMed:[35263596](#)).

#### Cellular Location

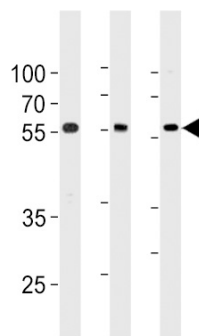
Cytoplasm

#### TRIM6 Antibody (N-term) - Protocols

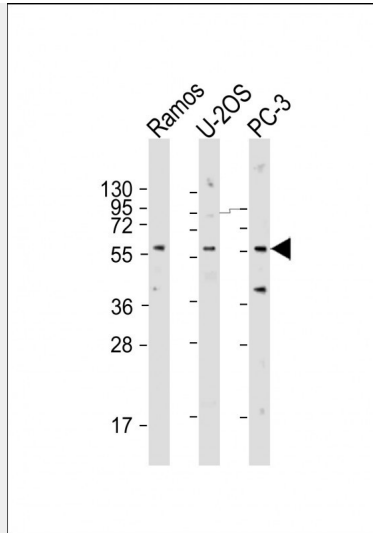
Provided below are standard protocols that you may find useful for product applications.

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

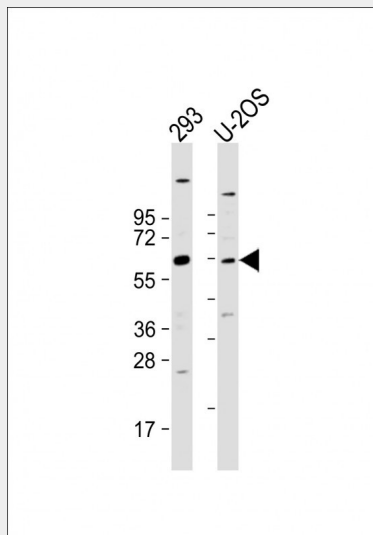
#### TRIM6 Antibody (N-term) - Images



TRIM6 Antibody (N-term) (Cat. #AP20469a) western blot analysis in 293A549,Ramos cell line lysates (35ug/lane).This demonstrates the TRIM6 antibody detected the TRIM6 protein (arrow).



All lanes : Anti-TRIM6 Antibody (N-term) at 1:2000 dilution Lane 1: Ramos whole cell lysate Lane 2: U-2OS whole cell lysate Lane 3: PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-TRIM6 Antibody (N-term) at 1:2000 dilution Lane 1: 293 whole cell lysate Lane 2: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 56 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

### TRIM6 Antibody (N-term) - References

- Reymond A., et al. EMBO J. 20:2140-2151(2001).
- Ota T., et al. Nat. Genet. 36:40-45(2004).
- Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
- Orimo A., et al. Genomics 69:143-149(2000).