

# TRIM6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20469a

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q9C030</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	56400
Antigen Region	26-55

## Additional Information

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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~~1:1000 E~~Use at an assay dependent concentration.
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.

## Protein Information

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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: <a href="#">24882218</a> , PubMed: <a href="#">31694946</a> ). 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](#)). Also ubiquitinates 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

## References

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Reymond A., et al. EMBO J. 20:2140-2151(2001).

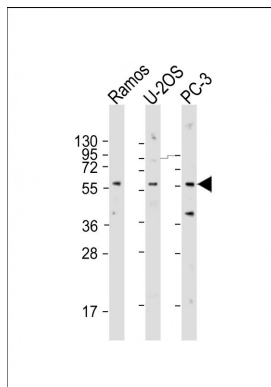
Ota T., et al. Nat. Genet. 36:40-45(2004).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Orimo A., et al. Genomics 69:143-149(2000).

## Images

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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.

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