

**TRIM6 (aa118-131) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3712a

### Specification

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#### TRIM6 (aa118-131) Antibody (internal region) - Product Information

Application	E
Primary Accession	<a href="#">O9C030</a>
Other Accession	<a href="#">NP_001003818.1</a> , <a href="#">NP_477514.1</a> , <a href="#">117854</a> , <a href="#">445372</a>
Predicted Host	Human
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	56400

#### TRIM6 (aa118-131) Antibody (internal region) - Additional Information

**Gene ID** 117854

#### Other Names

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

#### Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

TRIM6 (aa118-131) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

#### TRIM6 (aa118-131) Antibody (internal region) - 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](http://www.uniprot.org/citations/24882218) target="\_blank">24882218</a>, PubMed: [31694946](http://www.uniprot.org/citations/31694946) target="\_blank">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:<a href="http://www.uniprot.org/citations/24882218" target="\_blank">24882218</a>). 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:<a href="http://www.uniprot.org/citations/35263596" target="\_blank">35263596</a>).

#### **Cellular Location**

Cytoplasm

#### **TRIM6 (aa118-131) Antibody (internal region) - 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 (aa118-131) Antibody (internal region) - Images**

#### **TRIM6 (aa118-131) Antibody (internal region) - Background**

This antibody is expected to recognize reported isoforms 1 and 2 (NP\_001003818.1; NP\_477514.1). Reported variants represent identical protein: NP\_001185573.1, NP\_001185574.1

#### **TRIM6 (aa118-131) Antibody (internal region) - References**

The tripartite motif family identifies cell compartments. Reymond A, Meroni G, Fantozzi A, Merla G, Cairo S, Luzi L, Riganelli D, Zanaria E, Messali S, Cainarca S, Guffanti A, Minucci S, Pelicci PG, Ballabio A. EMBO J. 2001 May 1;20(9):2140-51. PMID: 11331580