

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

Specification

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

Application	E
Primary Accession	O9C030
Other Accession	NP_001003818.1 , NP_477514.1 , 117854 , 445372
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	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, PubMed: [31694946](http://www.uniprot.org/citations/31694946) target="_blank">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 (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