

RNF23 / TRIM39 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2318a**Specification**

RNF23 / TRIM39 Antibody (C-Term) - Product Information

Application	E
Primary Accession	O9HCM9
Other Accession	NP_067076.2 , NP_742013.1 , 56658 , 79263 (mouse)
Predicted	Human, Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	59690

RNF23 / TRIM39 Antibody (C-Term) - Additional Information**Gene ID** 56658**Other Names**

E3 ubiquitin-protein ligase TRIM39, 6.3.2.-, RING finger protein 23, Testis-abundant finger protein, Tripartite motif-containing protein 39, TRIM39, RNF23, TFP

Dilution

E~~N/A

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

RNF23 / TRIM39 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF23 / TRIM39 Antibody (C-Term) - Protein Information**Name** TRIM39**Synonyms** RNF23, TFP**Function**

[Isoform 1]: E3 ubiquitin-protein ligase (PubMed:<a

[22529100](http://www.uniprot.org/citations/22529100)). May facilitate apoptosis by inhibiting APC/C-Cdh1-mediated poly-ubiquitination and subsequent proteasome-mediated degradation of the pro-apoptotic protein MOAP1 (PubMed: [19100260](http://www.uniprot.org/citations/19100260), PubMed: [22529100](http://www.uniprot.org/citations/22529100)). Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21 (PubMed: [23213251](http://www.uniprot.org/citations/23213251)). Positively regulates CDKN1A/p21 stability by competing with DTL for CDKN1A/p21 binding, therefore disrupting DCX(DTL) E3 ubiquitin ligase complex-mediated CDKN1A/p21 ubiquitination and degradation (PubMed: [23213251](http://www.uniprot.org/citations/23213251)).

Cellular Location

[Isoform 1]: Cytoplasm, cytosol. Mitochondrion. Nucleus Note=Found predominantly in the cytosol. Partial shift from the cytosol to the mitochondria when colocalized with MOAP1. Colocalizes with CDKN1A in the nucleus.

Tissue Location

Ubiquitous; highly expressed in brain, heart, kidney, liver, skeletal muscle, spleen and testis

RNF23 / TRIM39 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](#)

RNF23 / TRIM39 Antibody (C-Term) - Images

RNF23 / TRIM39 Antibody (C-Term) - Background

This antibody is expected to recognise both reported isoforms (NP_067076.2 and NP_742013.1).

RNF23 / TRIM39 Antibody (C-Term) - References

Molecular cloning of testis-abundant finger Protein/Ring finger protein 23 (RNF23), a novel RING-B box-coiled coil-B30.2 protein on the class I region of the human MHC. Orimo A, Yamagishi T, Tominaga N, Yamauchi Y, Hishinuma T, Okada K, Suzuki M, Sato M, Nogi Y, Suzuki H, Inoue S, Yoshimura K, Shimizu Y, Muramatsu M. Biochem Biophys Res Commun. 2000 Sep 16;276(1):45-51. PMID: 11006080