

TRIM39 / RNF23 Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS14941**Specification**

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

Application	IHC
Primary Accession	Q9HCM9
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	60kDa KDa

TRIM39 / RNF23 Antibody (C-Terminus) - 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

Target/Specificity

Human TRIM39 / RNF23. This antibody is expected to recognise both reported isoforms (NP_067076.2 and NP_742013.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

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

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

[Isoform 1]: E3 ubiquitin-protein ligase (PubMed: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, PubMed:22529100). Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21 (PubMed: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).

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

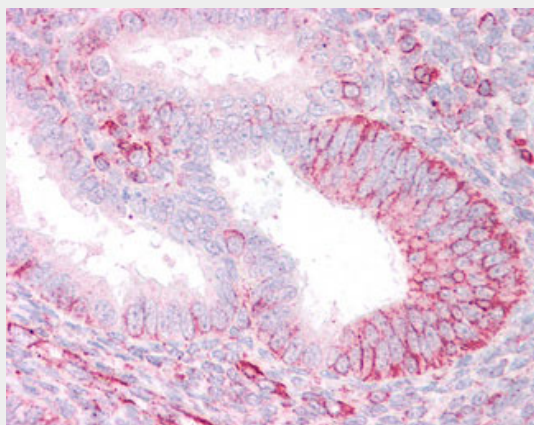
Ubiquitous; highly expressed in brain, heart, kidney, liver, skeletal muscle, spleen and testis

TRIM39 / RNF23 Antibody (C-Terminus) - 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](#)

TRIM39 / RNF23 Antibody (C-Terminus) - Images



Anti-TRIM39 / RNF23 antibody IHC of human uterus.

TRIM39 / RNF23 Antibody (C-Terminus) - Background

E3 ubiquitin-protein ligase. May facilitate apoptosis by inhibiting APC/C-Cdh1-mediated poly-ubiquitination and subsequent proteasome-mediated degradation of the pro-apoptotic protein MOAP1.

TRIM39 / RNF23 Antibody (C-Terminus) - References

Orimo A.,et al.Biochem. Biophys. Res. Commun. 276:45-51(2000).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Shiina T.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Shiina T.,et al.Genetics 173:1555-1570(2006).