

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

---

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

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Application       | IHC                                             |
| Primary Accession | <a href="#">Q9HCM9</a>                          |
| 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:<a href="http://www.uniprot.org/citations/22529100" target="\_blank">22529100</a>). May facilitate apoptosis by inhibiting APC/C-Cdh1-mediated poly- ubiquitination and subsequent proteasome-mediated degradation of the pro-apoptotic protein MOAP1 (PubMed:<a href="http://www.uniprot.org/citations/19100260" target="\_blank">19100260</a>, PubMed:<a href="http://www.uniprot.org/citations/22529100" target="\_blank">22529100</a>). Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21 (PubMed:<a href="http://www.uniprot.org/citations/23213251" target="\_blank">23213251</a>).

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:<a href="http://www.uniprot.org/citations/23213251" target="\_blank">23213251</a>).

#### 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

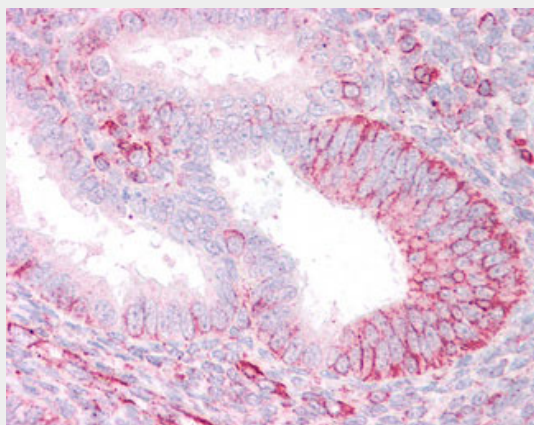
Ubiquitous; highly expressed in brain, heart, kidney, liver, skeletal muscle, spleen and testis

### 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).  
Kalinine 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).