

TRIM59 Antibody (aa191-240)
Rabbit Polyclonal Antibody
Catalog # ALS15451**Specification**

TRIM59 Antibody (aa191-240) - Product Information

Application	IF, WB
Primary Accession	Q8IWR1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47kDa KDa

TRIM59 Antibody (aa191-240) - Additional Information**Gene ID** 286827**Other Names**

Tripartite motif-containing protein 59, RING finger protein 104, Tumor suppressor TSBF-1, TRIM59, RNF104, TRIM57, TSBF1

Target/Specificity

TRIM59 Antibody detects endogenous levels of total TRIM59 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

TRIM59 Antibody (aa191-240) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM59 Antibody (aa191-240) - Protein Information**Name** TRIM59**Synonyms** RNF104, TRIM57, TSBF1**Function**

E3 ubiquitin ligase involved in different processes such as development and immune response (PubMed: [22588174](http://www.uniprot.org/citations/22588174), PubMed: [30231667](http://www.uniprot.org/citations/30231667)). Serves as a negative regulator for innate immune signaling pathways by suppressing RLR-induced activation of IRF3/7 and NF-kappa-B via interaction with adapter ECSIT (PubMed: [22588174](http://www.uniprot.org/citations/22588174)). Regulates autophagy through modulating both the transcription and the ubiquitination of BECN1 (PubMed: [30231667](http://www.uniprot.org/citations/30231667)). On the one hand, regulates the transcription of BECN1 through negatively modulating the NF-kappa-B pathway. On the other hand, regulates TRAF6-mediated 'Lys-63'-linked ubiquitination of BECN1,

thus affecting the formation of the BECN1-PIK3C3 complex. In addition, mediates 'Lys-48'-linked ubiquitination of TRAF6 and thereby promotes TRAF6 proteasomal degradation (PubMed:30231667). Acts also as a critical regulator for early embryo development from blastocyst stage to gastrula through modulating F-actin assembly and WASH1 'Lys-63'- linked ubiquitination (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Single-pass membrane protein

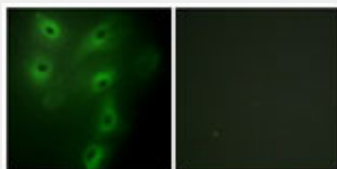
Volume

50 µl

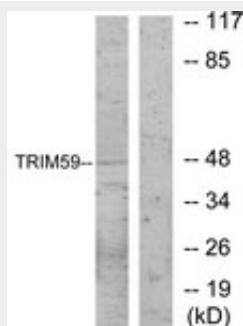
TRIM59 Antibody (aa191-240) - Protocols

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](#)

TRIM59 Antibody (aa191-240) - Images

Immunofluorescence of HeLa cells, using TRIM59 Antibody.



Western blot of extracts from NIH-3T3 cells, using TRIM59 Antibody.

TRIM59 Antibody (aa191-240) - References

Gong L.,et al.Submitted (OCT-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.