

TRIM59 Polyclonal Antibody
Catalog # AP72920**Specification****TRIM59 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q8IWR1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

TRIM59 Polyclonal Antibody - Additional Information**Gene ID** 286827**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

TRIM59 Polyclonal Antibody - Protein Information**Name** TRIM59**Synonyms** RNF104, TRIM57, TSBF1**Function**

E3 ubiquitin ligase involved in different processes such as development and immune response (PubMed:22588174, PubMed: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). Regulates autophagy through modulating both the transcription and the ubiquitination of BECN1 (PubMed: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:<a

<http://www.uniprot.org/citations/30231667>). Also acts 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).

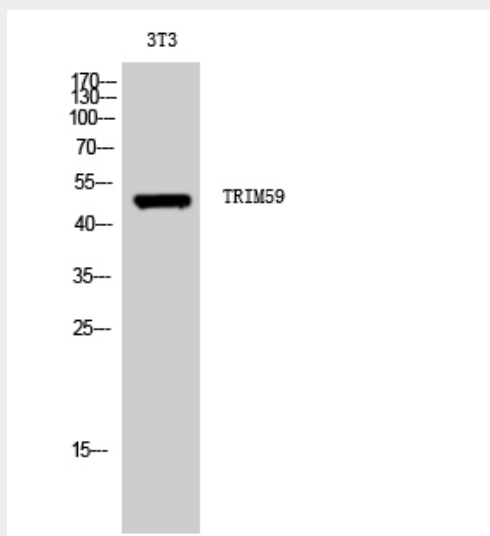
Cellular Location

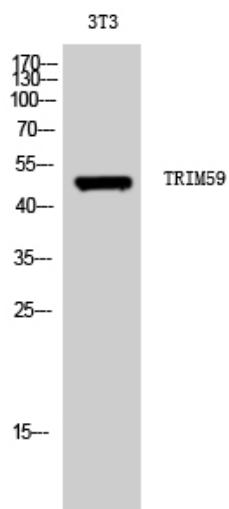
Endoplasmic reticulum membrane; Single-pass membrane protein

TRIM59 Polyclonal Antibody - 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 Polyclonal Antibody - Images



TRIM59 Polyclonal Antibody - Background

May serve as a multifunctional regulator for innate immune signaling pathways.