

**TRIM59 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11633a****Specification**

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**TRIM59 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q8IWR1](#)**TRIM59 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 286827**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TRIM59 Antibody (N-term) Blocking peptide - 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](http://www.uniprot.org/citations/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

**TRIM59 Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**TRIM59 Antibody (N-term) Blocking peptide - Images****TRIM59 Antibody (N-term) Blocking peptide - Background**

The function of TRIM59 remains unknown.

**TRIM59 Antibody (N-term) Blocking peptide - References**

Georgescu, S.P., et al. Mol. Endocrinol. 19(10):2491-2501(2005)Chang, R., et al. Gene 291 (1-2), 241-249 (2002) :