

**TRIM8 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11598****Specification**

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**TRIM8 antibody - N-terminal region - Product Information**

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Application       | WB, IHC                                                       |
| Primary Accession | <a href="#">Q9BZR9</a>                                        |
| Other Accession   | <a href="#">NM_030912</a> , <a href="#">NP_112174</a>         |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog |
| Predicted         | Human, Mouse, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog      |
| Host              | Rabbit                                                        |
| Clonality         | Polyclonal                                                    |
| Calculated MW     | 61kDa KDa                                                     |

**TRIM8 antibody - N-terminal region - Additional Information****Gene ID** 81603**Alias Symbol** GERP, RNF27**Other Names**

Probable E3 ubiquitin-protein ligase TRIM8, 6.3.2.-, Glioblastoma-expressed RING finger protein, RING finger protein 27, Tripartite motif-containing protein 8, TRIM8, GERP, RNF27

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-TRIM8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

TRIM8 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**TRIM8 antibody - N-terminal region - Protein Information****Name** TRIM8**Synonyms** GERP, RNF27**Function**

E3 ubiquitin-protein ligase that participates in multiple biological processes including cell survival, differentiation, apoptosis, and in particular, the innate immune response (PubMed:&lt;a href="http://www.uniprot.org/citations/27981609" target="\_blank"&gt;27981609&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/28747347" target="\_blank"&gt;28747347&lt;/a&gt;). Participates

in the activation of interferon-gamma signaling by promoting proteasomal degradation of the repressor SOCS1 (PubMed:<a href="http://www.uniprot.org/citations/12163497" target="\_blank">12163497</a>). Plays a positive role in the TNFalpha and IL-1beta signaling pathways. Mechanistically, induces the 'Lys-63'-linked polyubiquitination of MAP3K7/TAK1 component leading to the activation of NF-kappa-B (PubMed:<a href="http://www.uniprot.org/citations/22084099" target="\_blank">22084099</a>, PubMed:<a href="http://www.uniprot.org/citations/23152791" target="\_blank">23152791</a>, PubMed:<a href="http://www.uniprot.org/citations/27981609" target="\_blank">27981609</a>, PubMed:<a href="http://www.uniprot.org/citations/34871740" target="\_blank">34871740</a>). Also modulates STAT3 activity through negative regulation of PIAS3, either by degradation of PIAS3 through the ubiquitin-proteasome pathway or exclusion of PIAS3 from the nucleus (PubMed:<a href="http://www.uniprot.org/citations/20516148" target="\_blank">20516148</a>). Negatively regulates TLR3/4-mediated innate immune response by catalyzing 'Lys-6'- and 'Lys-33'-linked polyubiquitination of TICAM1 and thereby disrupting the TICAM1-TBK1 interaction (PubMed:<a href="http://www.uniprot.org/citations/28747347" target="\_blank">28747347</a>).

#### Cellular Location

Cytoplasm. Nucleus. Nucleus, nuclear body. Note=Nucleo-cytoplasmic translocation is involved in regulation of NF-kappa-B.

#### Tissue Location

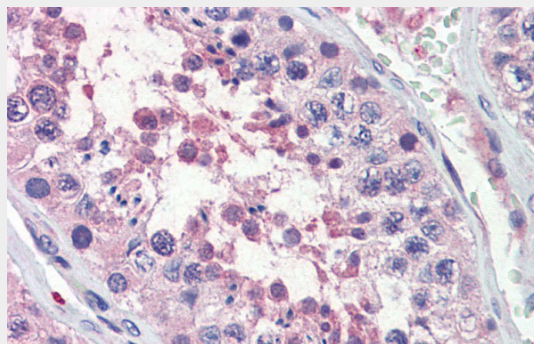
Widely expressed. Expressed in glomerular podocytes of kidneys.  
{ECO:0000269|PubMed:33508234, ECO:0000305}

### TRIM8 antibody - N-terminal region - 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](#)

### TRIM8 antibody - N-terminal region - Images



Immunohistochemistry with Human Testis lysate tissue at an antibody concentration of 5.0µg/ml using anti-TRIM8 antibody (A111598)



WB Suggested Anti-TRIM8 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Hela cell lysate

#### **TRIM8 antibody - N-terminal region - References**

Carinci,F., (2007) Transl Res 150 (4), 233-245 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.