

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

TRIM8 antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	Q9BZR9
Other Accession	NM_030912 , NP_112174
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:27981609, PubMed:28747347). Participates

in the activation of interferon-gamma signaling by promoting proteasomal degradation of the repressor SOCS1 (PubMed:12163497). 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:22084099, PubMed:23152791, PubMed:27981609, PubMed:34871740). Modulates also 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:20516148). 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:28747347).

Cellular Location

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

Tissue Location

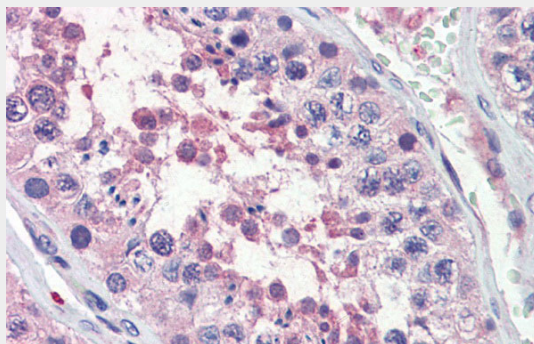
Widely expressed. Expressed in glomerular podocytes of kidneys.
{ECO:0000269|PubMed:33508234, ECO:0000305}

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.