

TRIM17 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10685**Specification**

TRIM17 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9Y577
Other Accession	NM_001024940 , NP_001020111
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

TRIM17 antibody - C-terminal region - Additional Information**Gene ID** 51127**Alias Symbol** RBCC, terf, RNF16**Other Names**

E3 ubiquitin-protein ligase TRIM17, 6.3.2.-, RING finger protein 16, Testis RING finger protein, Tripartite motif-containing protein 17, TRIM17, RBCC, RNF16, TERF

Format

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

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-TRIM17 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

TRIM17 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM17 antibody - C-terminal region - Protein Information**Name** TRIM17**Synonyms** RBCC, RNF16, TERF**Function**E3 ubiquitin ligase that plays important roles in the regulation of neuronal apoptosis, selective autophagy or cell proliferation (PubMed:<[a href="http://www.uniprot.org/citations/22023800" target="_blank">22023800](http://www.uniprot.org/citations/22023800), PubMed:<[a href="http://www.uniprot.org/citations/19358823" target="_blank">19358823](http://www.uniprot.org/citations/19358823), PubMed:<[a href="http://www.uniprot.org/citations/27562068" target="_blank">27562068](http://www.uniprot.org/citations/27562068)). Stimulates the degradation of kinetochore ZW10 interacting protein ZWINT in a proteasome-dependent manner, leading to negative regulation of cell

proliferation (PubMed:22023800). Inhibits autophagic degradation of diverse known targets while contributing to autophagy of midbodies. Autophagy-inhibitory activity involves MCL1, which TRIM17 assembles into complexes with the key autophagy regulator BECN1 (PubMed:27562068). Controls neuronal apoptosis by mediating ubiquitination and degradation of MCL1 to initiate neuronal death. In addition, regulates NFAT transcription factors NFATC3 and NFATC4 activities by preventing their nuclear localization, thus inhibiting their transcriptional activities. Decreases TRIM41-mediated degradation of ZSCAN2 thereby stimulating alpha-synuclein/SNCA transcription in neuronal cells (By similarity). Prevents the E3 ubiquitin-ligase activity of TRIM28 and its interaction with anti-apoptotic BCL2A1, blocking TRIM28 from ubiquitinating BCL2A1 (PubMed:19358823).

Cellular Location

Cytoplasm. Lysosome

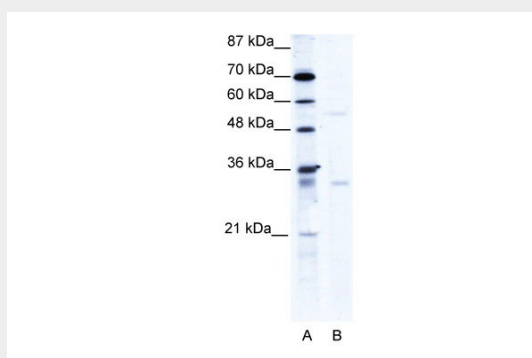
Tissue Location

Almost exclusively in the testis.

TRIM17 antibody - C-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](#)

TRIM17 antibody - C-terminal region - Images

WB Suggested Anti-TRIM17 Antibody Titration: 1.25µg/ml
ELISA Titer: 1:1562500
Positive Control: HepG2 cell lysate

TRIM17 antibody - C-terminal region - References

Reymond,A., et al., (2001) EMBO J. 20 (9), 2140-2151
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.