

TRIM10 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12700b**Specification**

TRIM10 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9UDY6](#)**TRIM10 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 10107**Other Names**

Tripartite motif-containing protein 10, B30-RING finger protein, RING finger protein 9, TRIM10, RFB30, RNF9

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.

TRIM10 Antibody (C-term) Blocking peptide - Protein Information**Name** TRIM10**Synonyms** RFB30, RNF9**Function**

E3 ligase that plays an essential role in the differentiation and survival of terminal erythroid cells. May directly bind to PTEN and promote its ubiquitination, resulting in its proteasomal degradation and activation of hypertrophic signaling (By similarity). In addition, plays a role in immune response regulation by repressing the phosphorylation of STAT1 and STAT2 in the interferon/JAK/STAT signaling pathway independent of its E3 ligase activity. Mechanistically, interacts with the intracellular domain of IFNAR1 and thereby inhibits the association between TYK2 and IFNAR1 (PubMed:33811647).

Cellular Location

Cytoplasm

TRIM10 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TRIM10 Antibody (C-term) Blocking peptide - Images

TRIM10 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic bodies. Studies in mice suggest that this protein plays a role in terminal differentiation of erythroid cells. Alternate splicing of this gene generates two transcript variants encoding different isoforms.

TRIM10 Antibody (C-term) Blocking peptide - References

Fellay, J., et al. PLoS Genet. 5 (12), E1000791 (2009) ; Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) ; Shiina, T., et al. Genetics 173(3):1555-1570 (2006) ; Raymond, A., et al. EMBO J. 20(9):2140-2151 (2001) ; Orimo, A., et al. Biochem. Biophys. Res. Commun. 276(1):45-51 (2000)