

TRIM41 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17387b**Specification**

TRIM41 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8WV44](#)**TRIM41 Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 90933

Other Names

E3 ubiquitin-protein ligase TRIM41, 632-, RING finger-interacting protein with C kinase, RINCK, Tripartite motif-containing protein 41, TRIM41, RINCK

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.

TRIM41 Antibody (C-term) Blocking Peptide - Protein Information**Name** TRIM41 {ECO:0000303|PubMed:16022281, ECO:0000312|HGNC:HGNC:19013}**Function**

E3 ligase that plays essential roles in innate antiviral response (PubMed:28169297, PubMed:29760876, PubMed:29899090, PubMed:31979016). Directly binds to influenza A virus or vesicular stomatitis virus nucleoproteins and targets them for ubiquitination and proteasomal degradation, thereby limiting viral infections (PubMed:29899090, PubMed:31979016, PubMed:28169297). Activates the innate antiviral response by catalyzing monoubiquitination of CGAS, thereby activating CGAS (PubMed:29760876). Also involved in innate antiviral response by mediating 'Lys-63'-linked polyubiquitylation of BCL10 which in turn hubs NEMO for activation of NF-kappa-B and IRF3 pathways (By similarity). Catalyzes the ubiquitin-mediated degradation of other substrates including protein kinase C, ZSCAN21 or TOP3B suggesting additional roles besides its function in immune response (PubMed:17893151, PubMed:17893151).

href="http://www.uniprot.org/citations/33378676" target="_blank">33378676).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Expressed in multiple tissues with the highest levels in heart and skeletal muscle.

TRIM41 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TRIM41 Antibody (C-term) Blocking Peptide - Images**TRIM41 Antibody (C-term) Blocking Peptide - Background**

TRIM41 belongs to a family of tripartite motif (TRIM) proteins defined as containing a RING finger, one or more B-box domains, and a coiled-coil region (Tanaka et al., 2005 [PubMed16022281]). See TRIM45 (MIM 609318).

TRIM41 Antibody (C-term) Blocking Peptide - References

Chen, D., et al. J. Biol. Chem. 282(46):33776-33787(2007) Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006) Nousiainen, M., et al. Proc. Natl. Acad. Sci. U.S.A. 103(14):5391-5396(2006) Tanaka, M., et al. Mol. Biol. Rep. 32(2):87-93(2005) Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004)