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TRIP13 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12636b

Specification

TRIP13 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q15645

TRIP13 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 9319

Other Names
Pachytene checkpoint protein 2 homolog, Human papillomavirus type 16 E1 protein-binding protein, 16E1-BP, HPV16 E1 protein-binding protein, Thyroid hormone receptor interactor 13, Thyroid receptor-interacting protein 13, TR-interacting protein 13, TRIP-13, TRIP13, PCH2

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.

TRIP13 Antibody (C-term) Blocking peptide - Protein Information

Name TRIP13

Synonyms PCH2

Function
Plays a key role in chromosome recombination and chromosome structure development during meiosis. Required at early steps in meiotic recombination that leads to non-crossovers pathways. Also needed for efficient completion of homologous synapsis by influencing crossover distribution along the chromosomes affecting both crossovers and non-crossovers pathways. Also required for development of higher- order chromosome structures and is needed for synaptonemal-complex formation. In males, required for efficient synapsis of the sex chromosomes and for sex body formation. Promotes early steps of the DNA double-strand breaks (DSBs) repair process upstream of the assembly of RAD51 complexes. Required for depletion of HORMAD1 and HORMAD2 from synapsed chromosomes (By similarity). Plays a role in mitotic spindle assembly checkpoint (SAC) activation (PubMed:28553959).

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TRIP13 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

TRIP13 Antibody (C-term) Blocking peptide - Images

TRIP13 Antibody (C-term) Blocking peptide - Background

This gene encodes a protein that interacts with thyroidhormone receptors, also known as hormone-dependent transcriptionfactors. The gene product interacts specifically with the ligandbinding domain. This gene is one of several that may play a role inearly-stage non-small cell lung cancer.

TRIP13 Antibody (C-term) Blocking peptide - References

Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)Kang, J.U., et al. Cancer Genet. Cytogenet. 182(1):1-11(2008)Olsen, J.V., et al. Cell 127(3):635-648(2006)Kim, H.J., et al. Immunol. Lett. 95(2):155-159(2004)Suzuki, H., et al. Genome Res. 11(10):1758-1765(2001)