

TRIP13 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2843a**Specification**

TRIP13 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q15645](#)**TRIP13 Antibody (N-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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2843a](/products/AP2843a) was selected from the N-term region of human TRIP13. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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 (N-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).

TRIP13 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TRIP13 Antibody (N-term) Blocking Peptide - Images

TRIP13 Antibody (N-term) Blocking Peptide - Background

TRIP13 specifically interacts with the ligand binding domain of the thyroid receptor (TR). This interaction does not require the presence of thyroid hormone for its interaction.

TRIP13 Antibody (N-term) Blocking Peptide - References

Rush,J., Nat. Biotechnol. 23 (1), 94-101 (2005)