

C15orf43 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11388c**Specification**

C15orf43 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q8NHR7](#)
Other Accession [NP_689661.1](#)

C15orf43 Antibody (Center) Blocking peptide - Additional Information

Gene ID 145645

Other Names

Uncharacterized protein C15orf43, C15orf43

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.

C15orf43 Antibody (Center) Blocking peptide - Protein Information

Name TERB2

Synonyms C15orf43

Function

Meiosis-specific telomere-associated protein involved in meiotic telomere attachment to the nucleus inner membrane, a crucial step for homologous pairing and synapsis. Component of the MAJIN-TERB1- TERB2 complex, which promotes telomere cap exchange by mediating attachment of telomeric DNA to the inner nuclear membrane and replacement of the protective cap of telomeric chromosomes: in early meiosis, the MAJIN-TERB1-TERB2 complex associates with telomeric DNA and the shelterin/telosome complex. During prophase, the complex matures and promotes release of the shelterin/telosome complex from telomeric DNA.

Cellular Location

Chromosome, telomere {ECO:0000250|UniProtKB:Q9D494}. Nucleus inner membrane {ECO:0000250|UniProtKB:Q9D494}. Note=Localizes to telomeres throughout meiotic prophase I and disappears in metaphase I. In leptotene spermatocytes, localizes to telomeres that localize to the nucleus inner membrane. {ECO:0000250|UniProtKB:Q9D494}

C15orf43 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C15orf43 Antibody (Center) Blocking peptide - Images**C15orf43 Antibody (Center) Blocking peptide - References**

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :