

**C1orf146 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19050a****Specification**

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**C1orf146 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q5VVC0](#)**C1orf146 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 388649**Other Names**

Uncharacterized protein C1orf146, C1orf146

**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.

**C1orf146 Antibody (N-term) Blocking Peptide - Protein Information****Name** SPO16 {ECO:0000250|UniProtKB:Q3KQP7}**Function**

Plays a key role in reinforcing the integrity of the central element of the synaptonemal complex (SC) thereby stabilizing SC, ensuring progression of meiotic prophase I in male and female germ cells (By similarity). Promotes homologous recombination and crossing- over in meiotic prophase I via its association with SHOC1 (By similarity). Required for the localization of TEX11 and MSH4 to recombination intermediates (By similarity).

**Cellular Location**

Chromosome {ECO:0000250|UniProtKB:Q3KQP7}.

**C1orf146 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**C1orf146 Antibody (N-term) Blocking Peptide - Images**

**C1orf146 Antibody (N-term) Blocking Peptide - Background**

The function of this protein remains unknown.

**C1orf146 Antibody (N-term) Blocking Peptide - References**

Nature 431(7011):931-945(2004)