

C19orf57 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5822c**Specification**

C19orf57 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q0VDD7](#)
Other Accession [NP_077299.3](#)

C19orf57 Antibody (Center) Blocking peptide - Additional Information

Gene ID 79173

Other Names

Uncharacterized protein C19orf57, Pre-T/NK cell-associated protein 3B3, C19orf57

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.

C19orf57 Antibody (Center) Blocking peptide - Protein Information

Name BRME1 ([HGNC:28153](#))

Synonyms C19orf57

Function

Meiotic recombination factor component of recombination bridges involved in meiotic double-strand break repair. Modulates the localization of recombinases DMC1:RAD51 to meiotic double-strand break (DSB) sites through the interaction with and stabilization of the BRCA2:HSF2BP complex during meiotic recombination. Indispensable for the DSB repair, homologous synapsis, and crossover formation that are needed for progression past metaphase I, is essential for spermatogenesis and male fertility.

Cellular Location

Chromosome {ECO:0000250|UniProtKB:Q6DIA7}. Note=During meiosis, recruited to chromosomes and localizes on recombination sites in a double-strand break-dependent manner. First appears on the chromosome axis at leptotene. Along with the progression of meiotic recombination, released from the axis to form bridge-like structures linking homolog axes before they are synapsed. Finally, located between synapsed homolog axes and on the synaptonemal complex (SC). {ECO:0000250|UniProtKB:Q6DIA7}

C19orf57 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C19orf57 Antibody (Center) Blocking peptide - Images**C19orf57 Antibody (Center) Blocking peptide - References**

Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009)Matsuoka, S., et al. Science
316(5828):1160-1166(2007)Ranes-Goldberg, M.G., et al. J. Immunol. 151(10):5810-5821(1993)