

SYCE2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10413a**Specification**

SYCE2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q6PIF2](#)
Other Accession [NP_001099048.1](#)

SYCE2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 256126

Other Names

Synaptonemal complex central element protein 2, Central element synaptonemal complex protein 1, SYCE2, CESC1

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.

SYCE2 Antibody (N-term) Blocking peptide - Protein Information

Name SYCE2

Synonyms CESC1 {ECO:0000250|UniProtKB:Q505B8}

Function

Major component of the transverse central element of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Requires SYCP1 in order to be incorporated into the central element. May have a role in the synaptonemal complex assembly, stabilization and recombination (By similarity).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q505B8}. Chromosome {ECO:0000250|UniProtKB:Q505B8}. Note=Associates with chromatin. In prophase I stage of meiosis, localizes in the transverse central elements of the central region between lateral elements of the synaptonemal complexes. Found only where the chromosome cores are synapsed. Colocalizes with SYCE1 in the central elements (By similarity). {ECO:0000250|UniProtKB:Q505B8}

SYCE2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SYCE2 Antibody (N-term) Blocking peptide - Images**SYCE2 Antibody (N-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Bolcun-Filas, E., et al. J. Cell Biol. 176(6):741-747(2007)Costa, Y., et al. J. Cell. Sci. 118 (PT 12), 2755-2762 (2005) :Grimwood, J., et al. Nature 428(6982):529-535(2004)