



SCP-1 (Synaptonemal Complex Protein 1, SCP1, SYCP1, Cancer/Testis Antigen 8, CT8, HOM-TES-14, MGC104417)

Catalog number

S0519-80B

Supplier

United States Biological

The synaptonemal complex is a proteinaceous complex that apparently mediates synapses during the zygotene stage and then disintegrates. It is a complex structure that unites homologous chromosomes during the prophase stage of meiosis. It is the result of chromosome pairing interactions and not the cause of them.

Applications

Suitable for use in Immunofluorescence and Immunohistochemistry. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

A C-terminal synthetic peptide made to the human SCP1 protein sequence.

Formulation

Tris-citrate/phosphate, pH 7-8.

Purity

Serum

Specificity

This antibody is specific for human SCP1. Species Crossreactivity: This SCP1 antibody recognizes human, rat and murine protein. Other species have not been tested.

Product Type

Pab

Source

human

Isotype



IgG

Grade

Serum

Applications

IF IHC

Crossreactivity

Hu Rt

Storage

-20°C

Reference

1. Dann, C., et al. "Heritable and stable gene knockdown in rats". PNAS. 103: 11246-11251, 2006.