



SCP3 (Synaptonemal Complex Protein 3, SCP-3, Sycp3, COR1, MGC71888, RNASCP3)

Catalog number

S0519-90B

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, Western Blot and Immunohistochemistry (paraffin-embedded sections). 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, add sterile glycerol (40-50%), aliquot and 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 synthetic peptide made to the C-terminal region of the human SCP3 protein.

Formulation

Supplied as a liquid in PBS, pH 7.2.

Purity

Purified by immunoaffinity chromatography.

Specificity

This antibody is specific for human SCP3. Species Crossreactivity: This SCP3 antibody recognizes human and murine protein. Other species have not been tested.

Product Type

Pab

Source

human

Isotype

IgG

**Grade**

Affinity Purified

Applications

IF IHC WB

Crossreactivity

Hu

Storage

-20°C