



Synaptonemal Complex Protein 3 (SCP3, SCP-3, SYCP3, COR1, MGC71888, RNASCP3) (Biotin)

Catalog number

S9106-92C

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 Dilutions

Immunofluorescence: 1:100-1:750

Immunohistochemistry (paraffin): 1:750

Optimal dilutions to be determined by 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 mouse SCP3 protein.

Formulation

Supplied as a liquid in PBS, pH 7.4, 0.09% sodium azide. Labeled with Biotin.

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes mouse synaptonemal complex protein 3.

Product Type

Pab

Source

mouse

Isotype

IgG

**Grade**

Affinity Purified

Applications

IF IHC

Crossreactivity

Mo

Storage

4°C

Detection Method

Biotin

Reference

1. Dann CT, Alvarado AL, Molyneux LA, et al. (2008) Stem Cells 2008-0134.