

## SYCP3

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IF IP

**Recommended Dilution:** WB 1:500 - 1:2000 IF 1:50 - 1:100 IP 1:20 - 1:50

**Calculated MW:** 28kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic Peptide of human SYCP3

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Catalog #:** A9548

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 50511

**Isotype:** IgG

**Swiss Prot:** Q8IZU3

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. Mutations in this gene are associated with azoospermia in males and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2010]

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