

Summary

Production Name	SCP-3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SYCP3
Alternative Names	SYCP3; SCP3; Synaptonemal complex protein 3; SCP-3
Gene ID	50511.0
SwissProt ID	Q8IZU3.Synthesized peptide derived from the Internal region of human SCP-3.

Application

Dilution Ratio	WB 1:500-2000;ELISA 2000-20000
Molecular Weight	27kD

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

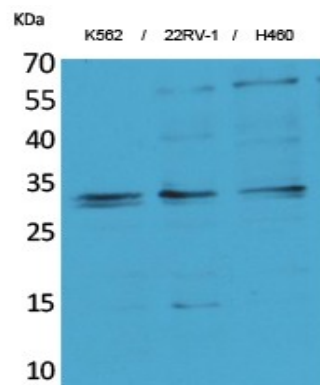
Product Name: SCP-3 Rabbit Polyclonal Antibody
Catalog #: APRab17667



and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2010],disease:Defects in SYCP3 are associated with azoospermia due to perturbations of meiosis [MIM:270960].,function:Component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Has an essential meiotic function in spermatogenesis. May be important for testis development.,similarity:Belongs to the XLR/SYCP3 family.,subcellular location:In tripartite segments of synaptonemal complexes, irrespective of whether these are synapsed or unsynapsed.,subunit:Interacts with SYCP2.,tissue specificity:Testis-specific.,

Research Area

Image Data



Western Blot analysis of K562, 22RV-1, H460 cells using SCP-3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

Note

For research use only.