Recombinant SCP3 Monoclonal Antibody

catalog number: **AN301999L**

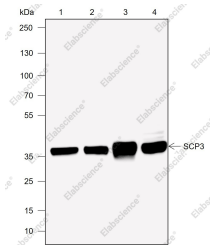
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Peptide. This information is proprietary to PTMab
Host	Rabbit
Isotype	Rabbit IgG
Clone	C131620
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000

Data



Western Blot with SCP3 Monoclonal Antibody at dilution of 1:1000. Lane 1: 293T, Lane 2: Jurkat, Lane 3: Mouse testis, Lane 4: Rat testis

Observed-MW:38 kDa

Calculated-MW:28 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

SCP3 is an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. SCP3 is required for centromere pairing during meiosis in male germ cells. SCP3 is also required for normal meiosis during spermatogenesis and male fertility. Mutations in SCP3 are associated with azoospermia in males and susceptibility to pregnancy loss in females.

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