

SYCP1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14604
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Synaptonemal complex protein 1
Synonyms	Synaptonemal complex protein 1 ;SCP-1;Cancer/testis antigen 8;CT8

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Consists of an alpha-helical stretch of 700 AA residues, flanked by N- and C-terminal globular domains. The C-terminal domain has DNA-binding capacity. Major component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Subcellular location: In tripartite segments of synaptonemal complexes, between lateral elements in the nucleus. Found only where the chromosome cores are synapsed. Its N-terminus is found towards the center of the synaptonemal complex while the C-terminus extends well into the lateral domain of the synaptonemal complex. Subunit: Found in a complex with SYCE1 and SYCE2. Interacts with SYCE1 and SYCE2. Tissue specificity: Testis.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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