

## SYCP1 Polyclonal Antibody

### Description

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