

## SYCE1 Rabbit pAb

CatalogNo: YN6508

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 39kD (Calculated)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:500-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human SYCE1. AA range:1-36

**Specificity** This antibody detects endogenous levels of SYCE1 at Human, Mouse, Rat

### Target Information

**Gene name** SYCE1 C10orf94

**Protein Name** Synaptonemal complex central element protein 1 (Cancer/testis antigen 76) (CT76)

| Organism | Gene ID                  | UniProt ID               |
|----------|--------------------------|--------------------------|
| Human    | <a href="#">93426</a> ;  | <a href="#">Q8N0S2</a> ; |
| Mouse    | <a href="#">74075</a> ;  | <a href="#">Q9D495</a> ; |
| Rat      | <a href="#">502372</a> ; | <a href="#">Q5XHZ2</a> ; |

**Cellular Localization**

Nucleus . Chromosome . Associates with chromatin. In prophase I stage of meiosis , localizes in the transverse central elements of the central region between lateral elements of the synaptonemal complexes. Found only where the chromosome cores are synapsed. Colocalizes with SYCE2 in the central elements. .

**Function**

Major component of the transverse central element of synaptonemal complexes (SCS) , formed between homologous chromosomes during meiotic prophase. Requires SYCP1 in order to be incorporated into the central element. May have a role in the synaptonemal complex assembly , stabilization and recombination.

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## | Validation Data

## | Contact information

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**SYCE1 Rabbit pAb**

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