

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**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	93426 ;	Q8N0S2 ;
Mouse	74075 ;	Q9D495 ;
Rat	502372 ;	Q5XHZ2 ;

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.

| Validation Data

| Contact information

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SYCE1 Rabbit pAb

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