

## Rabbit anti-Human, Mouse SYCE1 Polyclonal Antibody | anti-SYCE1 antibody

SYCE1 Antibody

|                               |                       |                                   |                                                                  |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA231686</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

SYCE1; Polyclonal Antibody; SYCE1 Antibody; Synaptonemal complex central element protein 1; Cancer/testis antigen 76; CT76; C10orf94; anti-SYCE1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                     |
| Isotype                                         | IgG                                                                                                            |
| Purity/Purification                             | Antigen Affinity Purified                                                                                      |
| Form/Format                                     | Liquid                                                                                                         |
| Sequence Length                                 | 318                                                                                                            |
| Applicable Applications for anti-SYCE1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                         | Human                                                                                                          |
| Immunogen                                       | Recombinant human Synaptonemal complex central element protein 1 protein (C-220AA)                             |
| Conjugate                                       | Non-conjugated                                                                                                 |
| Buffer                                          | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                          | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-139072 / sc-139073                     |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231686 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: SYCE1 antibody at 1.14ug/ml+ Mouse liver tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 40,33,22 kDaObserved band size: 40 kDa,58 kDa

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SYCE1 antibody | 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 (By similarity). |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 219555716                                                |
| NCBI GeneID                      | 93426                                                    |
| NCBI Accession #                 | NP_001137235.1                                           |
| NCBI GenBank Nucleotide #        | NM_001143763.1                                           |
| UniProt Accession #              | Q8N0S2; Q9BWU3; Q9BWU4; B2RC80                           |
| Molecular Weight                 | 21,902 Da                                                |
| NCBI Official Full Name          | synaptonemal complex central element protein 1 isoform 3 |
| NCBI Official Synonym Full Names | synaptonemal complex central element protein 1           |
| NCBI Official Symbol             | SYCE1                                                    |
| NCBI Official Synonym Symbols    | CT76; POF12; SPGF15; C10orf94                            |
| NCBI Protein Information         | synaptonemal complex central element protein 1           |
| UniProt Protein Name             | Synaptonemal complex central element protein 1           |
| UniProt Gene Name                | <b>SYCE1</b>                                             |
| UniProt Synonym Gene Names       | C10orf94; CT76                                           |
| UniProt Entry Name               | SYCE1_HUMAN                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/syce1-antibody-immunohistochemistry-western-blot-elisa/231686>