## SYCE1 Rabbit Polyclonal Antibody

CAB7218

## Product Information

## Size:

20uL, 50uL, 100uL, 200uL
Observed MW:

40kDa

## Calculated MW:

$21 \mathrm{kDa} / 32 \mathrm{kDa} / 39 \mathrm{kDa}$
Applications:
WB IF
Reactivity:
Human, Mouse, Rat

## Antibody Information

## Recommended dilutions:

WB 1:500-1:2000 IF 1:501:100

Source:
Rabbit

## Isotype:

IgG

## Protein Background

This gene encodes a member of the synaptonemal complex, which links homologous chromosomes during prophase I of meiosis. The tripartite structure of the complex is highly conserved amongst metazoans. It consists of two lateral elements and a central region formed by transverse elements and a central element. The protein encoded by this gene localizes to the central element and is required for initiation and elongation of the synapsis. Allelic variants of this gene have been associated with premature ovarian failure and spermatogenic failure. Alternative splicing results in multiple transcript variants.

## Immunogen information

## Gene ID:

93426

## Uniprot

Q8N0S2

## Synonyms:

SYCE1; C10orf94; CT76; POF12; SPGF15

## Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 132-351 of human SYCE1 (NP_001137236.1).

## Storage:

Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, 50\% glycerol, pH7.3.

## Purification:

Affinity purification


Western blot analysis of extracts of various cell lines, using SYCE1 antibody (CAB7218) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABSO14) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3\% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunofluorescence analysis of MCF-7 cells using SYCE1 antibody (CAB7218). Blue: DAPI for nuclear staining.

