

Product datasheet

Anti-SYCE2 antibody ab107745

1 Image

Overview

Product name	Anti-SYCE2 antibody
Description	Rabbit polyclonal to SYCE2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide conjugated to KLH, between amino acids 7-37 from the N-terminal region of Human SYCE2 (NP_001099048.1).
Positive control	MDA-MB231 cell line lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Immunogen affinity purified
Purification notes	ab107745 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab107745** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 25 kDa.

Target

Function

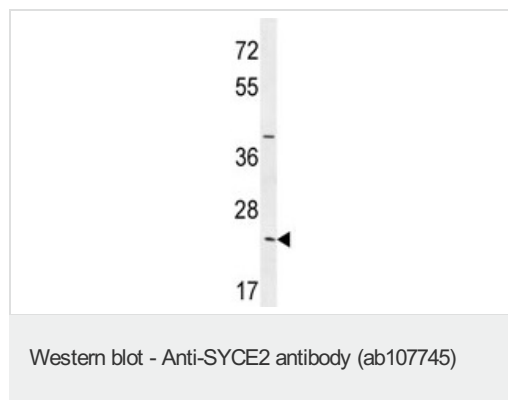
Major component of the transverse central element of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Requires SYCP1 in order to be incorporated into the central element. May have a role in the synaptonemal complex assembly, stabilization and recombination.

Sequence similarities

Belongs to the SYCE family.

Cellular localization

Nucleus. 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 SYCE1 in the central elements.

Images

Anti-SYCE2 antibody (ab107745) at 1/100 dilution + MDA-MB231 cell line lysate at 35 µg

Predicted band size: 25 kDa

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