

Product datasheet

Anti-SYCE1 antibody ab122634

2 Images

Overview

Product name	Anti-SYCE1 antibody
Description	Rabbit polyclonal to SYCE1
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	antigen sequence: QQQQKQRQL KEELEKHGMQ VPAQAQSTQE EEAGPGDVAS PKPLKGERPG AAHQAGPDVL IGQEDTLHPD LSPRGFQEIK EL, corresponding to amino acids 269-350 of Human SYCE1. Run BLAST with Expasy Run BLAST with NCBI
Positive control	Human duodenum tissue; RT 4, U 251 MG, Human liver lysates.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store undiluted.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab122634 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
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/250 - 1/500.

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.

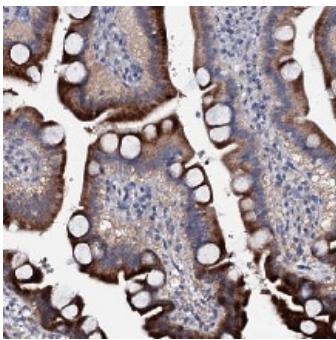
Sequence similarities

Belongs to the SYCE family.

Cellular localization

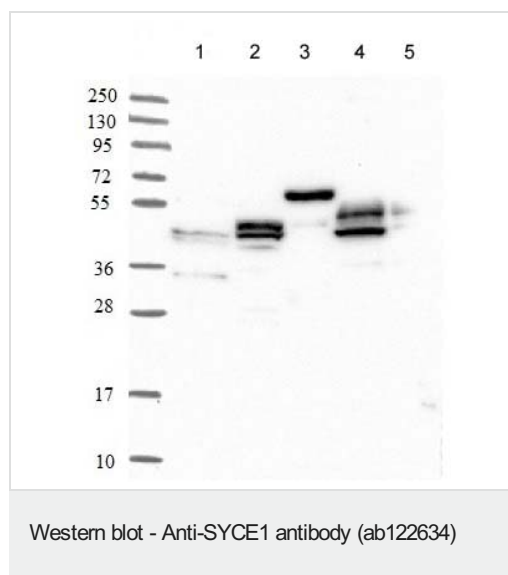
Nucleus. Chromosome. Associates with chromatin. In prophase I stage of meiosis, localizes in the transverse central elements of the central region between lateral elements of the synaptonemal complexes. Found only where the chromosome cores are synapsed. Colocalizes with SYCE2 in the central elements.

Images



ab122634 at 1/200 dilution staining SYCE1 in Paraffin-embedded Human duodenum tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SYCE1 antibody (ab122634)



All lanes : Anti-SYCE1 antibody (ab122634) at 1/250 dilution

Lane 1 : RT 4 lysate

Lane 2 : U 251 MG lysate

Lane 3 : Human plasma lysate

Lane 4 : Human liver lysate

Lane 5 : Human tonsil lysate

Developed using the ECL technique.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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