

### Anti-CID antibody ab10887

★★★★★ [2 Abreviews](#) [13 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-CID antibody
<b>Description</b>	Rabbit polyclonal to CID
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Drosophila melanogaster
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Drosophila Embryo Lysate;
<b>General notes</b>	<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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab10887 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		1/500 - 1/1000. Detects a band of approximately 32 kDa (predicted molecular weight: 26 kDa).
ICC/IF		1/100.

## Target

### Function

Histone H3-like variant which exclusively replaces conventional H3 in the nucleosome core of centromeric chromatin at the inner plate of the kinetochore. Required for recruitment and assembly of kinetochore proteins, mitotic progression and chromosome segregation. May serve as an epigenetic mark that propagates centromere identity through replication and cell division.

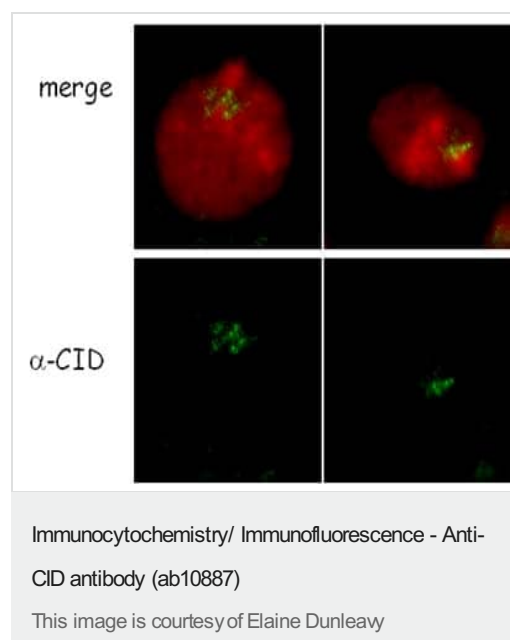
### Sequence similarities

Belongs to the histone H3 family.

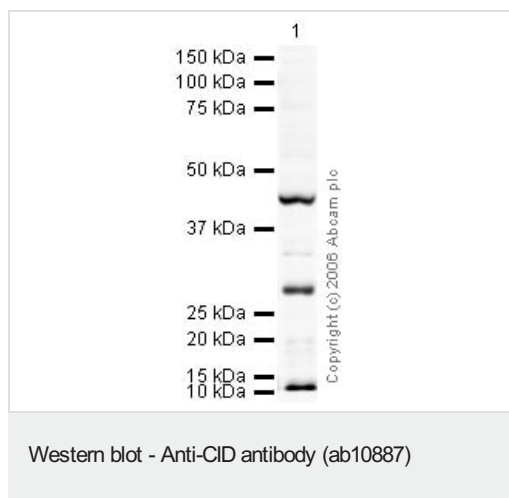
### Cellular localization

Nucleus. Chromosome, centromere, kinetochore. Localizes exclusively in the kinetochore domain of centromeres. Co-expressed with yemalpha.

## Images



Drosophila S2 cells treated with ab10887 at 1:100 dilution and fixed with 3% PFA for 3 mins. Red = DAPI Green = ab10887



Anti-CID antibody (ab10887) at 1 µg/ml + Drosophila embryo nuclear extract (from melanogaster embryos 0-12Hr) (**ab27258**) at 20 µg

### Secondary

Goat polyclonal to Rabbit IgG H&L (HRP) Pre-Adsorbed at 1/10000 dilution

Performed under reducing conditions.

**Predicted band size:** 26 kDa

**Observed band size:** 26 kDa

**Additional bands at:** 12 kDa (possible non-specific binding), 42 kDa (possible non-specific binding)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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