Product datasheet

Anti-CID antibody ab10887

Overview

Product name: Anti-CID antibody
Description: Rabbit polyclonal to CID
Host species: Rabbit
Tested applications: Suitable for: WB, IHC-FoFr, ICC, ICC/IF
Species reactivity: Reacts with: Drosophila melanogaster
Immunogen: Synthetic peptide corresponding to Drosophila melanogaster CID aa 1-100 conjugated to keyhole limpet haemocyanin.
(Peptide available as ab16766)
Positive control: Drosophila Embryo Lysate;

Properties

Form: Liquid
Storage instructions: 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.
Storage buffer: pH: 7.40
Preservative: 0.02% Sodium azide
Constituent: PBS

Batches of this product that have a concentration < 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.

Purity: Immunogen affinity purified
Clonality: Polyclonal
Isotype: IgG

Applications

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 | | |
IHC-FoFr | | |
ICC | | |
ICC/IF | | |

**Application notes**

ICC/IF: Suggested working dilution is 1/100 (see PMID: 17077127).
IHC-FoFr: Use at an assay dependent dilution (PMID: 19137063).
WB: 1/500 - 1/1000. Detects a band of approximately 32 kDa (predicted molecular weight: 26 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

**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**


**Images**

Drosophila S2 cells treated with ab10887 at 1:100 dilution and fixed with 3% PFA for 3 mins. Red = DAPI Green = ab10887
Western blot - Anti-CID antibody (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)

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

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