

Product datasheet

Anti-CHD3 antibody [EPNCIR110] ab134125

Recombinant RabMAb

[4 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-CHD3 antibody [EPNCIR110] |
| Description | Rabbit monoclonal [EPNCIR110] to CHD3 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IHC-P, ICC/IF Unsuitable for: Flow Cyt or IP |
| Species reactivity | Reacts with: Mouse |
| Immunogen | Synthetic peptide corresponding to Mouse CHD3. |
| Positive control | Mouse brain lysate, Raw264.7 cell lysate, NIH 3T3 cell lysate and cells, Mouse spleen tissue. |
| General notes | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>This antibody was developed as part of a collaboration between Epitomics, the National Cancer Institute's Center for Cancer Research and the lab of Gordon Hager. View antibodies from NCI Center for Cancer Research Collaboration.</p> <p>Human, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C. |
| Storage buffer | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA |

| | |
|---------------------|--------------------|
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | EPNCIR110 |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab134125 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 | | 1/1000 - 1/10000. Detects a band of approximately 260 kDa (predicted molecular weight: 234 kDa). |
| IHC-P | | 1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| ICC/IF | | 1/100 - 1/250. |

Application notes Is unsuitable for Flow Cyt or IP.

Target

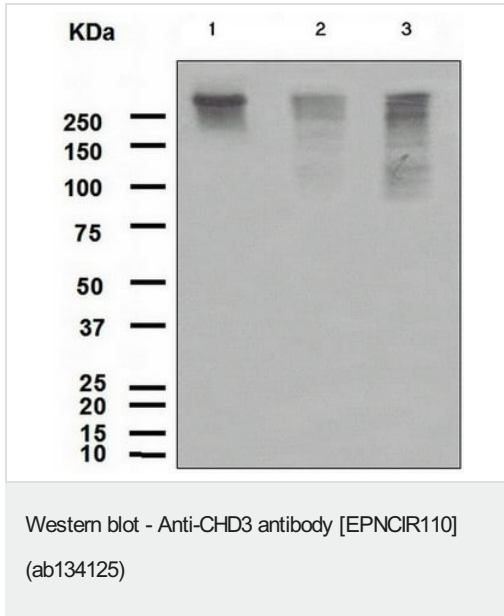
Function Component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Required for anchoring centrosomal pericentrin in both interphase and mitosis, for spindle organization and centrosome integrity.

Tissue specificity Widely expressed.

Sequence similarities Belongs to the SNF2/RAD54 helicase family.
Contains 2 chromo domains.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.
Contains 2 PHD-type zinc fingers.

Cellular localization Nucleus. Cytoplasm > cytoskeleton > centrosome. Associates with centrosomes in interphase and mitosis.

Images



All lanes : Anti-CHD3 antibody [EPNCIR110] (ab134125) at 1/1000 dilution

Lane 1 : Mouse brain tissue lysate

Lane 2 : RAW 264.7 cell lysate

Lane 3 : NIH/3T3 cell lysate

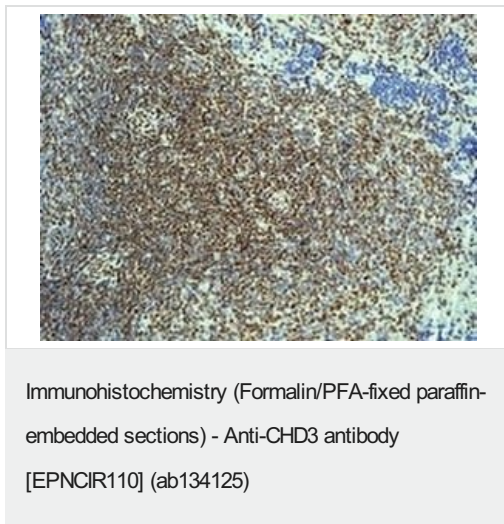
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP conjugated antibody at 1/2000 dilution

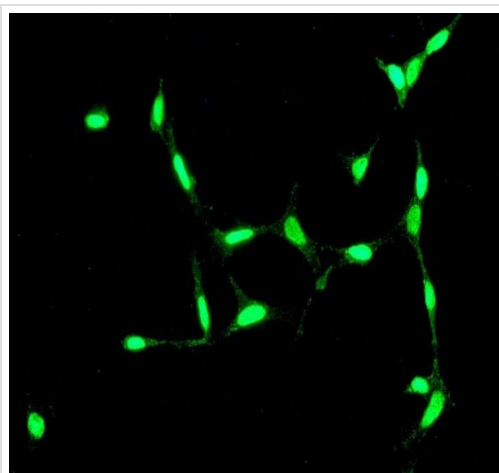
Predicted band size: 234 kDa

Observed band size: 260 kDa



Immunohistochemical analysis of paraffin embedded Mouse spleen tissue labelling CHD3 with ab134125 at 1/100.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunofluorescent staining of 3T3 cells labelling CHD3 with ab134125 at 1/100.

Immunocytochemistry/ Immunofluorescence - Anti-CHD3 antibody [EPNCIR110] (ab134125)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CHD3 antibody [EPNCIR110] (ab134125)

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

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