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Datasheet for ABIN6731021

## Recombinant anti-CHD3 antibody (AA 865-885)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	CHD3
Binding Specificity:	AA 865-885
Reactivity:	Drosophila melanogaster
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CHD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

#### Product Details

Brand:	AbFlex®
Immunogen:	This antibody was raised against a synthetic peptide corresponding to amino acid residues 865-885 of <i>Drosophila</i> .
Isotype:	IgG2a
Purification:	Protein A Chromatography

#### Target Details

Target:	CHD3
Alternative Name:	CHD3 ( <a href="#">CHD3 Products</a> )

## Target Details

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Molecular Weight: 103 kDa

## Application Details

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Application Notes:

**Validated Applications:**

**Immunoprecipitation (IP):** 4 µg per IP

**WB:** 0.5 - 2 µg/mL

For optimal results, we recommend the addition of 0.05% Tween 20 to all blocking solutions to reduce background. Individual optimization may be required.

Comment: AbFlex<sup>®</sup> antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6XHis tag, an avidin tag sequence for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. AbFlex CHD3 antibody was expressed as full-length IgG with mouse immunoglobulin heavy and light chains (IgG2a isotype) in mammalian 293 cells.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified IgG in 140 mM Hepes, pH 7.5, 70 mM NaCl, 32 mM NaOAc, 0.035 % sodium azide, 30 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C



### Western Blotting

**Image 1.** CHD3 antibody (rAb) tested by Western blot. 15  $\mu$ g of Drosophila Schneider Cell nuclear extract was run on SDS-PAGE and probed with CHD3 antibody at 0.5  $\mu$ g/ml.

### Immunoprecipitation

**Image 2.** CHD3 antibody (rAb) tested antibody tested by immunoprecipitation. Drosophila Schneider cell nuclear extract was immunoprecipitated using 4  $\mu$ g of CHD3 antibody (Lane 1) or an unrelated antibody (Lane 2). Protein from IP was probed by Western blot using CHD3 antibody (2  $\mu$ g/ml).