


## Product datasheet

# Anti-CHCHD3 antibody ab99491

1 Image

### Overview

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<b>Product name</b>	Anti-CHCHD3 antibody
<b>Description</b>	Goat polyclonal to CHCHD3
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Sheep, Cow 
<b>Immunogen</b>	Synthetic peptide corresponding to internal amino acids 151-164 (RSSEFYRVTTTEQYQ) of Human CHCHD3 (NP_060282.1). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human placenta lysate

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab99491** 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		Use a concentration of 0.3 - 1 µg/ml. Predicted molecular weight: 26 kDa.

## Target

<b>Function</b>	Required for maintenance of mitochondrial crista integrity and mitochondrial function. May act as a scaffolding protein that stabilizes protein complexes involved in crista architecture and protein import. Has also been shown to function as a transcription factor which binds to the BAG1 promoter and represses BAG1 transcription.
<b>Tissue specificity</b>	Detected at low levels in brain, placenta, lung, liver, kidney and pancreas with increased levels in heart and skeletal muscle. Higher expression in primary lung cancers than in normal lung tissue.
<b>Sequence similarities</b>	Contains 1 CHCH domain.
<b>Cellular localization</b>	Mitochondrion inner membrane. Cytoplasm. Nucleus.

## Images



Western blot - Anti-CHCHD3 antibody (ab99491)

Anti-CHCHD3 antibody (ab99491) at 0.3 µg/ml + Human Placenta lysate (in RIPA buffer) at 35 µg

**Predicted band size:** 26 kDa

Incubation with ab99491 was 1 hour.

Detected by chemiluminescence.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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