


Product datasheet

Anti-CHCHD3 antibody ab99491

1 Image

Overview

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

Properties

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

Applications

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

Function	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.
Tissue specificity	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.
Sequence similarities	Contains 1 CHCH domain.
Cellular localization	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.

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