

Datasheet for ABIN890375

## anti-CHCHD5 antibody (AA 21-110) (AbBy Fluor® 555)



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### Overview

Quantity:	100 µL
Target:	CHCHD5
Binding Specificity:	AA 21-110
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHCHD5 antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CCDC99
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	CHCHD5
Alternative Name:	CHCHD5 ( <a href="#">CHCHD5 Products</a> )
Background:	Synonyms: C2orf9, CHCH5_HUMAN, CHCHD5, chromosome 2 open reading frame, Coiled coil

## Target Details

helix coiled coil helix domain containing 5, Coiled-coil-helix-coiled-coil-helix domain-containing protein 5, FLJ39671, MGC11104.

Background: CHCHD5 is a 110 amino acid protein that contains one CHCH domain. The gene encoding CHCHD5 maps to human chromosome 2, which consists of 237 million bases encoding over 1,400 genes and making up approximately 8 % of the human genome. A number of genetic diseases are linked to genes on chromosome 2. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the ABCA12 gene. The lipid metabolic disorder sitosterolemia is associated with ABCG5 and ABCG8. An extremely rare recessive genetic disorder, Alstr syndrome is due to mutations in the ALMS1 gene. Interestingly, chromosome 2 contains what appears to be a vestigial second centromere and vestigial telomeres which gives credence to the hypothesis that human chromosome 2 is the result of an ancient fusion of two ancestral chromosomes seen in modern form today in apes.

Gene ID: 84269

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months