

Datasheet for ABIN1710167  
**anti-HCCS antibody (AA 51-150) (FITC)**



[Go to Product page](#)

## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | HCCS                                                                                                    |
| Binding Specificity: | AA 51-150                                                                                               |
| Reactivity:          | Mouse, Rat                                                                                              |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This HCCS antibody is conjugated to FITC                                                                |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human HCCS |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Mouse, Rat                                               |
| Predicted Reactivity: | Human,Dog,Horse                                          |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | HCCS                                   |
| Alternative Name: | Hccs ( <a href="#">HCCS Products</a> ) |

## Target Details

Background: Synonyms: CCHL, DKFZp779I1858, EC 4.4.1.17, Holocytochrome c synthase cytochrome c heme lyase, Holocytochrome c type synthase, MCOPS7, OTTHUMP00000022903, OTTHUMP00000022904, OTTHUMP00000022905, OTTMUSP00000021173, OTTMUSP00000021174, RGD1563855, RP23-37L2.1, CCHL\_HUMAN.

Background: HCCS is a 79 amino acid protein that may act as a tumor suppressor, promoting the apoptosis of cancer cells. Expressed in leukocytes, lung, spleen, liver, heart, kidney, muscle and uterine cervix, HCCS-1 is down-regulated in cervical cancers. The gene encoding HCCS-1 maps to human chromosome 15q25.1. Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and comprises about 3 % of the human genome. Angelman and Prader-Willi syndromes are associated with loss of function or deletion of genes in the 15q11-q13 region. Tay-Sachs disease is a lethal disorder associated with mutations of the HEXA gene, which is encoded by chromosome 15. Marfan syndrome is associated with chromosome 15 through the FBN1 gene.

Gene ID: 3052

UniProt: [P53701](#)

## 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.

## Handling

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Expiry Date: 12 months