

**HCCS Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51254****Specification**

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**HCCS Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P53701</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 31 KDa                 |
| Antigen Region    | 61 - 120               |

**HCCS Antibody - Additional Information****Gene ID** 3052**Other Names**

Cytochrome c-type heme lyase, CCHL, Holocytochrome c-type synthase, HCCS, CCHL

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HCCS. The exact sequence is proprietary.

**Dilution**

WB~~ 1:1000

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**HCCS Antibody - Protein Information****Name** HCCS ([HGNC:4837](#))**Synonyms** CCHL**Function**

Lyase that catalyzes the covalent linking of the heme group to the cytochrome C apoprotein to produce the mature functional cytochrome.

**Cellular Location**

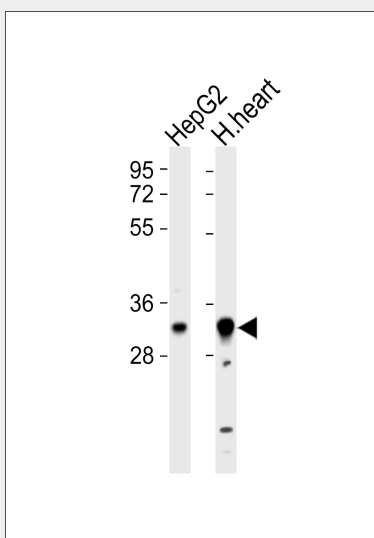
Mitochondrion inner membrane. Membrane; Lipid-anchor

## HCCS Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## HCCS Antibody - Images



All lanes : Anti-HCCS Antibody at 1:1000 dilution Lane 1: HepG2 whole cell lysates Lane 2: human heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 31 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## HCCS Antibody - Background

Links covalently the heme group to the apoprotein of cytochrome c (By similarity).

## HCCS Antibody - References

Schaefer L., et al. Genomics 34:166-172(1996).  
van den Veyver I.B., et al. Am. J. Med. Genet. 78:179-181(1998).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).