

Rabbit HCCS Polyclonal Antibody | anti-HCCS antibody

HCCS Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285950	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken)	Immunohistochemistry, ELISA, Western Blot

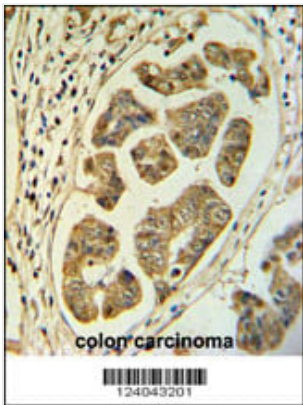
PRODUCT SYNONYMS

HCCS; Polyclonal Antibody; HCCS Antibody (Center); Cytochrome c-type heme lyase; CCHL; Holocytochrome c-type synthase; anti-HCCS antibody

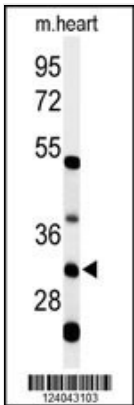
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HCCS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 173-200 amino acids from the Central region of human HCCS.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	173-200
Sequence Length	268
Applicable Applications for anti-HCCS antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

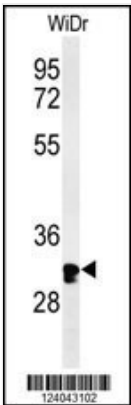
IMAGES



IHC (Immunohistochemisry)
HCCS Antibody (Center) IHC analysis in formalin fixed and paraffin embedded colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HCCS Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HCCS Antibody (Center) in mouse heart tissue lysates (35ug/lane). HCCS (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of HCCS Antibody (Center) in WiDr cell line lysates (35ug/lane). HCCS (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HCCS antibody	The protein encoded by this gene is an enzyme that covalently links a heme group to the apoprotein of cytochrome c. Defects in this gene are a cause of microphthalmia syndromic type 7 (MCOPS7). Three transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-HCCS antibody	Cardiovascular; Signal Transduction
References	Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009) Wimplinger, I., et al. Mol. Vis. 13, 1475-1482 (2007) Wimplinger, I., et al. Am. J. Hum. Genet. 79(5):878-889(2006) Nakashima-Kamimura, N., et al. J. Cell. Sci. 118 (PT 22), 5357-5367 (2005) Prakash, S.K., et al. Hum. Mol. Genet. 11(25):3237-3248(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	169790851
NCBI GeneID	3052
NCBI Accession #	NP_001116080.1; NP_001165462.1; NP_005324.3
NCBI GenBank Nucleotide #	NM_001122608.2

UniProt Accession #	P53701; Q502X8; B3KUS1
Molecular Weight	30602
NCBI Official Full Name	cytochrome c-type heme lyase
NCBI Official Synonym Full Names	holocytochrome c synthase
NCBI Official Symbol	HCCS
NCBI Official Synonym Symbols	MLS; CCHL; MCOPS7; LSDMCA1
NCBI Protein Information	cytochrome c-type heme lyase
UniProt Protein Name	Cytochrome c-type heme lyase
UniProt Gene Name	HCCS
UniProt Synonym Gene Names	CCHL; CCHL
UniProt Entry Name	CCHL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/hccs-antibody-immunohistochemistry-western-blot-elisa/285950>