

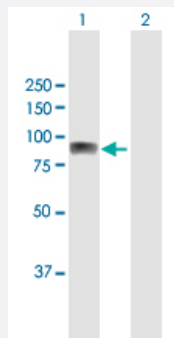
MaxPab®

HLCS MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003141-D01

Size 100 uL

Applications

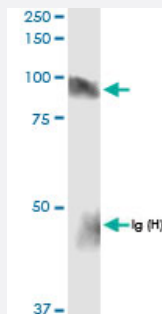


Western Blot (Transfected lysate)

Western Blot analysis of HLCS expression in transfected 293T cell line ([H00003141-T01](#)) by HLCS MaxPab polyclonal antibody.

Lane 1: HLCS transfected lysate (80.80 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of HLCS transfected lysate using anti-HLCS MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HLCS MaxPab rabbit polyclonal antibody (D01) ([H00003141-D01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HLCS protein.

Immunogen

HLCS (NP_000402.3, 1 a.a. ~ 726 a.a) full-length human protein.

Sequence	MEDRLHMDNGLVPQKIVSVHLQDSTLKEVKDQVSNKQAQILEPKPEPSLEIKPEQDGMHVGRD DPKALGEEKQRRGSASGSEPAGDSDRGGGPVEHYHLHLSSCHECLELENSTIESVKFASAENI PDLPYDYSSSLESVADETSPEREGRRVNLTGKAPNILLVGSQSDSQAELGRFHEVRSVLADCVDID SYILYHLLDSALRDPWTDNCLLLVIATRESIPEDLYQKFMAVLSQGGKVLGLSSSFTFGGFQVTSK GALHKTQNLVFSKADQSEVKLSVLSSGCRYQEGPVRLSPGRLQGHLENEKDMMHVPFGTR GGEAVLCQVHLELPPSSNIVQTPEDFNLLKSSNFRRYEVLRILTTLGLSCDMKQVPALTPLYLLS AAEEIRDPLMQWLKGKVDSEGEIKSGQLSLRFVSSYVSEVEITPSCIPVVTNMEAFSSEHFNLEIYR QNLQTKQLGKVLFAEVTPTTMRLLDGLMFQTPQEMGLVIAARQTEGKGRGGNVWLSPVGCALS TLLISIPRLSQLGQRIPFVQHLMSVAVVEAVRSIPEYQDINLRVKWPNDIYSDLMKIGGVLVNSTLM GETFYILIGCGFNVNTSNPTICINDLITEYNKQHKAEKPLRADYLIARVVTVLEKLIKEFQDKGPNSVL PLYRYWVHSGQQVHLGSAEGPKVSVGLDDSGFLQVHQEGGEVTVHPDGNISFDMLRNILPK RR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — HLCS

Entrez GeneID [3141](#)

GeneBank Accession#	NM_000411.4
Protein Accession#	NP_000402.3
Gene Name	HLCS
Gene Alias	HCS
Gene Description	holocarboxylase synthetase (biotin-(propionyl-Coenzyme A-carboxylase (ATP-hydrolysing)) ligase)
Omim ID	253270 609018
Gene Ontology	Hyperlink
Gene Summary	Holocarboxylase synthetase (EC 6.3.4.10) covalently links biotin to propionyl-CoA carboxylase (PCCA; MIM 232000), pyruvate carboxylase (PC; MIM 608786), alpha-methylcrotonyl-CoA carboxylase (MCCC1; MIM 609010), and acetyl-CoA carboxylase (ACACA; MIM 200350).[supplied by OMIM]
Other Designations	OTTHUMP00000109039 biotin apo-protein ligase holocarboxylase synthetase

Pathway

- [Biotin metabolism](#)
- [Metabolic pathways](#)