

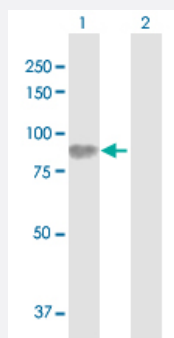
MaxPab®

HLCS purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003141-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HLCS expression in transfected 293T cell line ([H00003141-T04](#)) by HLCS MaxPab polyclonal antibody.

Lane 1: HLCS transfected lysate(80.80 KDa).

Lane 2: Non-transfected lysate.

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
DPKALGEEKQRRGSASGSEPAGDSDRGGGPVEHYHLHSSCHECLELENSTIESVKFASAENI
PDLPHYDYSSSLESVADETSPEREGRRVNLTKAPNILLVGSQSQALGRFHEVRSVLADCVID
SYILYHLLSDALRDPWTDNCLLLVIATRESIPEDLYQKFMAVLSQGGKVLGLSSSFTFGGFQVTSK
GALHKTQNLVFSKADQSEVKLSVLSSGCRYQEGPVRLSPGRLQGHLENEDKDRMVHVPFGTR
GGEAVLCQVHLELPPSSNIVQTPEDFNLLKSSNFRRYEVLREILTTLGLSCDMKQVPALTPLYLLS
AAEEIRDPLMQWLKGKVDSEGEIKSGQLSLRFVSSYVSEVEITPSCIPVVTNMEAFSSEHFNLEIYR
QNLQTKQLGKVLFAEVTPTTMRLLDGLMFQTPQEMGLVIAARQTEGKGRGGNVWLSPVGCALS
TLLISIPRSQLGQRIPFVQHLM SVAVVEAVRSIPEYQDINLRVKWPNDIYSDLMKIGGVLVNSTLM
GETFYILIGCGFNVTNSNPTICINDLITEYNKQHKAEKPLRADYLIARVVTVLEKLIKEFQDKGPNSVL
PLYRYWVHSGQQVHLGSAEGPKVSVGLDDSGFLQVHQEGGEVTVHPDGNSFDMLRNILPK
RR

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence	Mouse (77)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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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](#)