

DNAxPAb

Hard-to-Find
Antibody

HLCS DNAxPab

Catalog # H00003141-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human HLCS DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MEDRLHMDNGLVPQKIVSVHLQDSTLKEVKDQVSNKQAQILEPKPEPSLEIKPEQDGMHVGRD
DPKALGEEPQRRGSASGSEPAGDSDRGGGPVEHYHLHLSSCHECLELENSTIESVKFASAENI
PDLPYDYSSSLESVADETSPEREGRVNLTKAPNILLVGSQSQALGRFHEVRSVLADCVID
SYILYHLLDSALRDPWTDNCLLLVIATRESIPEDLYQKFMAVLSQGGKVLGLSSSFTFGGFQVTSK
GALHKTQNLVFSKADQSEVKLSVLSSGCRYQEGPVRLSPGRLQGHLENEKDRMMVHVPFGTR
GGEAVLCQVHLELPPSSNIVQTPEDFNLLKSSNFRRYEVLRILTLGLSCDMKQVPALTPLYLLS
AAEEIRDPLMQWLKGKVDSEGEIKSGQLSLRFVSSYVSEVEITPSCIPVVTNMEAFSSEHFNLEIYR
QNLQTKQLGKVLFAEVTPTTMRLLDGLMFQTPQEMGLVIAARQTEGKGRGGNVWLSPVGCALS
TLLISIPRLSQLGQRIPFVQHLMSVAVVEAVRSIPEYQDINLRVKWPNDIYSDLMKIGGVLVNSTLM
GETFYILIGCGFNVTNSNPTICINDLITEYNKQHKAEKPLRADYLIARVVTVLEKLIKEFQDKGPNSVL
PLYRYWVHSGQQVHLGSAEGPKVSVGLDDSGFLQVHQEGGEVVTVHPDGNSFDMLRNILPK
RR

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)