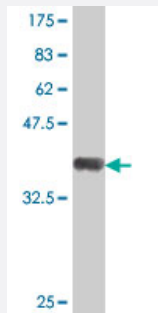


HLCS polyclonal antibody (A01)

Catalog # H00003141-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant HLCS.
Immunogen	HLCS (NP_000402, 627 a.a. ~ 724 a.a) partial recombinant protein with GST tag.
Sequence	ELKPLRADYLIARVVTVLEKLIKEFQDKGPNSVLPLYRYWVHSGQQVHLGSAEGPKVSMGLDDSGFLQVHQEGGEVVTVHPDGNSFDMLRNILPK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HLCS

Entrez GeneID	3141
GeneBank Accession#	NM_000411
Protein Accession#	NP_000402
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](#)