

HLCS Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56927

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P50747
Reactivity	Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80760

Additional Information

Gene ID	3141
Other Names	Biotin--protein ligase, 6.3.4.-, Biotin apo-protein ligase, Biotin--[methylmalonyl-CoA-carboxytransferase] ligase, 6.3.4.9, Biotin--[propionyl-CoA-carboxylase [ATP-hydrolyzing]] ligase, 6.3.4.10, Holocarboxylase synthetase, HCS, Biotin--[methylcrotonyl-CoA-carboxylase] ligase, 6.3.4.11, Biotin--[acetyl-CoA-carboxylase] ligase, 6.3.4.15, HLCS (HGNC:4976)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HLCS (HGNC:4976)
Function	Biotin--protein ligase catalyzing the biotinylation of the 4 biotin-dependent carboxylases acetyl-CoA-carboxylase, pyruvate carboxylase, propionyl-CoA carboxylase, and methylcrotonyl-CoA carboxylase.
Cellular Location	Cytoplasm. Mitochondrion
Tissue Location	Widely expressed (PubMed:7753853, PubMed:7842009). Mostly expressed in muscle, placenta and to a lower extent in the brain, kidney, pancreas, liver and lung (PubMed:7842009)