

HPCL2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58121

Specification

HPCL2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	O9UJ83
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63729

HPCL2 Polyclonal Antibody - Additional Information

Gene ID 26061

Other Names

2-hydroxyacyl-CoA lyase 1, 4.1.2.n2, 2-hydroxyphytanoyl-CoA lyase, 2-HPCL, Phytanoyl-CoA 2-hydroxylase 2, HACL1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17856 target="_blank">HGNC:17856), HPCL, HPCL2, PHYH2

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

HPCL2 Polyclonal Antibody - Protein Information

Name HACL1 ([HGNC:17856](#))

Synonyms HPCL, HPCL2, PHYH2

Function

Peroxisomal 2-OH acyl-CoA lyase involved in the cleavage (C1 removal) reaction in the fatty acid alpha-oxidation in a thiamine pyrophosphate (TPP)-dependent manner (PubMed: [10468558](http://www.uniprot.org/citations/10468558), PubMed: [21708296](http://www.uniprot.org/citations/21708296), PubMed: [28289220](http://www.uniprot.org/citations/28289220)). Involved in the degradation of 3-methyl-branched fatty acids like phytanic acid and the shortening of 2-hydroxy long-chain fatty acids (PubMed: [10468558](http://www.uniprot.org/citations/10468558), PubMed: [21708296](http://www.uniprot.org/citations/21708296), PubMed: [28289220](http://www.uniprot.org/citations/28289220)). Plays a significant role in the biosynthesis of heptadecanal in the liver (By similarity).

Cellular Location

Peroxisome

Tissue Location

Widely expressed.

HPCL2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HPCL2 Polyclonal Antibody - Images