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HPCL2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58121

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9UJ83
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63729

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 (HGNC:17856), HPCL, HPCL2, PHYH2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=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	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-oxydation in a thiamine pyrophosphate (TPP)-dependent manner (PubMed:10468558, PubMed:21708296, PubMed: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, PubMed:21708296, PubMed:28289220). Plays a significant role in the biosynthesis of heptadecanal in the liver (By similarity).
Cellular Location	Peroxisome
Tissue Location	Widely expressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.