

Rabbit anti-Human, mouse PHYH2 Polyclonal Antibody | anti-HACL1 antibody

PHYH2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289058	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PHYH2; Polyclonal Antibody; PHYH2 Antibody (C-term); 2-hydroxyacyl-CoA lyase 1; 41--; 2-hydroxyphytanoyl-CoA lyase; 2-HPCL; Phytanoyl-CoA 2-hydroxylase 2; HACL1; HPCL; HPCL2; anti-HACL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PHYH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 550-578 amino acids from the C-terminal region of human PHYH2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	550-578
Sequence Length	496
Applicable Applications for anti-HACL1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human skeletal muscle reacted with PHYH2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of PHYH2 Antibody (C-term) in mouse liver tissue lysates (35ug/lane). PHYH2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HACL1 antibody	PHYH2 catalyzes a carbon-carbon cleavage reaction; cleaves a 2-hydroxy-3-methylacyl-CoA into formyl-CoA and a 2-methyl-branched fatty aldehyde.
Product Categories/Family for anti-HACL1 antibody	Cancer
References	Kikuchi,M., et.al., J. Biol. Chem. 279 (1), 421-428 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	93004078
NCBI GeneID	26061
NCBI Accession #	NP_036392.2
NCBI GenBank Nucleotide #	NM_012260.3
UniProt Accession #	Q9UJ83; Q9BV42; Q9P0A2; B4DWI1; B4DXI5; E9PEN4
Molecular Weight	63729
NCBI Official Full Name	2-hydroxyacyl-CoA lyase 1 isoform a
NCBI Official Synonym Full Names	2-hydroxyacyl-CoA lyase 1
NCBI Official Symbol	HACL1
NCBI Official Synonym Symbols	HPCL; HPCL2; PHYH2; 2-HPCL
NCBI Protein Information	2-hydroxyacyl-CoA lyase 1
UniProt Protein Name	2-hydroxyacyl-CoA lyase 1
UniProt Gene Name	HACL1
UniProt Synonym Gene Names	HPCL; HPCL2; PHYH2; 2-HPCL
UniProt Entry Name	HACL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.