

PTPLA Antibody (N-term)

Catalog_no :	AB1187
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:37-66
Specificity :	This PTPLA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-66 amino acids from the N-terminal region of human PTPLA.
Dilution :	WB,1:1000;IHC-P,1:10~50;
Purification :	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.
Other_name :	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 1, 3-hydroxyacyl-CoA dehydratase 1, HACD1, Cementum attachment protein, Protein-tyrosine phosphatase-like member A, PTPLA, HACD1
Isotype :	Rabbit Ig
Background :	The protein encoded by this gene contains a characteristic catalytic motif of the protein tyrosine phosphatases (PTPs) family. The PTP motif of this protein has the highly conserved arginine residue replaced by a proline residue; thus it may represent a distinct class of PTPs. Members of the PTP family are known to be signaling molecules that regulate a variety of cellular processes. This gene was preferentially expressed in both adult and fetal heart. A much lower expression level was detected in skeletal and smooth muscle tissues, and no expression was observed in other tissues. The tissue specific expression in the developing and adult heart suggests a role in regulating cardiac development and differentiation.
reference :	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Liang, X., et al. Hum. Mutat. 30(3):463-471(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Grupe, A., et al. Am. J. Hum. Gen