

Product Name: PCY1A Rabbit Polyclonal Antibody**Catalog #: APRab15870**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	40kDa

Antigen Information

Gene Name	PCYT1A CTPCT PCYT1
Alternative Names	
Gene ID	5130.0
SwissProt ID	P49585
Immunogen	Synthesized peptide derived from part region of human protein

Background

This gene belongs to the cytidylyltransferase family and is involved in the regulation of phosphatidylcholine biosynthesis. Mutations in this gene are associated with spondylometaphyseal dysplasia with cone-rod dystrophy. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2015],catalytic activity:CTP + choline phosphate =

diphosphate + CDP-choline.,enzyme regulation:By phosphorylation.,function:Controls phosphatidylcholine synthesis.,pathway:Phospholipid metabolism; phosphatidylcholine biosynthesis; phosphatidylcholine from phosphocholine: step 1/2.,PTM:The serine residues of the C-terminus are phosphorylated. The inactive soluble form is stabilized by phosphorylation, the active membrane bound form is promoted by anionic lipids or diacylglycerol, and is stabilized by dephosphorylation.,similarity:Belongs to the cytidyltransferase family.,subcellular location:It can interconvert between an inactive cytosolic form and an active membrane-bound form.,subunit:Homodimer; disulfide-linked.,

Research Area

Glycerophospholipid metabolism;

Image Data

