

Product name:	PCY1A Rabbit Polyclonal Antibody
Cat number:	ABN15870
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from part region of human protein
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:2000, ELISA 1:5000-1:20000
Molecular Weight:	40kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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 cytidylyltransferase family., subcellular location: It can interconvert between an inactive cytosolic form and an active membrane-bound form., subunit: Homodimer; disulfide-linked.,