

KD-Validated Anti-PCYT1A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1875

Product Information

Application	WB, FC
Primary Accession	P49585
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB5015
Calculated MW	41731
Gene Name	PCYT1A
Aliases	PCYT1A; Phosphate Cytidylyltransferase 1A, Choline; CTPCT; CCTalpha; PCYT1; CT; Phosphate Cytidylyltransferase 1, Choline, Alpha; CTP:Phosphocholine Cytidylyltransferase-Alpha; Choline-Phosphate Cytidylyltransferase Alpha; CTP:Phosphocholine Cytidylyltransferase A; Choline-Phosphate Cytidylyltransferase A; Phosphorylcholine Transferase Alpha; Phosphorylcholine Transferase A; EC 2.7.7.15 4; CCT-Alpha; CCT A; CT A; Phosphate Cytidylyltransferase 1, Choline, Alpha Isoform; EC 2.7.7; SMDCRD; CCTA; CGL5;CTA
Immunogen	A synthesized peptide derived from human CTA

Additional Information

Gene ID	5130
Other Names	Choline-phosphate cytidylyltransferase A, 2.7.7.15, CCT-alpha, CTP:phosphocholine cytidylyltransferase A, CCT A, CT A, Phosphorylcholine transferase A, PCYT1A, CTPCT, PCYT1

Protein Information

Name	PCYT1A
Synonyms	CTPCT, PCYT1
Function	Catalyzes the key rate-limiting step in the CDP-choline pathway for phosphatidylcholine biosynthesis.
Cellular Location	Cytoplasm, cytosol {ECO:0000250 UniProtKB:P19836}. Membrane {ECO:0000250 UniProtKB:P19836}; Peripheral membrane protein {ECO:0000250 UniProtKB:P19836}. Endoplasmic reticulum membrane; Peripheral membrane protein {ECO:0000250 UniProtKB:P19836}. Nucleus Note=It can interconvert between an inactive cytosolic form and an active membrane-bound form. {ECO:0000250 UniProtKB:P19836}

Tissue Location	Brain, placenta, liver, fetal and adult lung.
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