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CT A Rabbit mAb

Catalog # AP75297

Product Information

Application	WB
Primary Accession	P49585
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	41731

Additional Information

Gene ID	5130
Other Names	PCYT1A
Dilution	WB~~1:2000-1:5000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

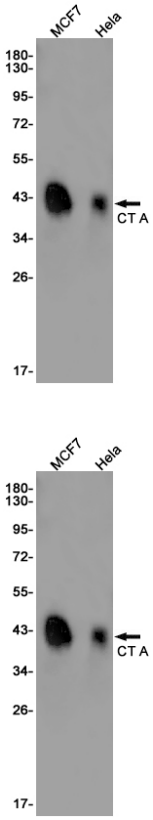
Protein Information

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.

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.

Images



Western blot analysis of CT A in MCF-7, Hela lysates using CT A antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.