

Anti-PCYT1A Rabbit Monoclonal Antibody

Catalog # ABO15606

Product Information

Application	WB, IF, ICC, IP, FC
Primary Accession	P49585
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-PCYT1A Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

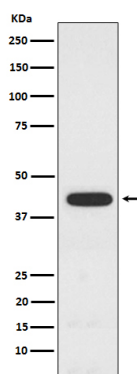
Gene ID	5130
Other Names	Choline-phosphate cytidyltransferase A, 2.7.7.15, CCT-alpha, CTP:phosphocholine cytidyltransferase A, CCT A, CT A, Phosphorylcholine transferase A, PCYT1A, CTPCT, PCYT1
Calculated MW	41731
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 21P82
Immunogen	A synthesized peptide derived from human PCYT1A
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

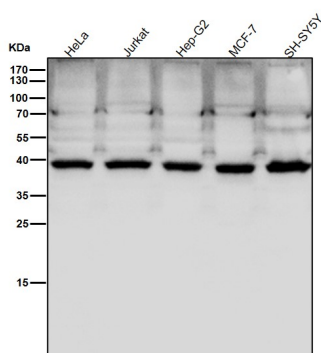
Name	PCYT1A
Synonyms	CTPCT, PCYT1

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.

Images



Western blot analysis of PCYT1A expression in A549 cell lysate.



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.

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