DATASHEET

CHPT1 Rabbit Polyclonal Antibody

CAT. NO. APA15297

KEY FEATURES

Target	CHPT1	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Catalyzes the final step of de novo phosphatidylcholine (PC) synthesis, i.e. the transfer of choline phosphate from CDP-choline to the free hydroxyl of a diacylglycerol (DAG), producing a PC. It thereby plays a central role in the formation and maintenance of vesicular membranes.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CHPT1
Specificity	Recognizes endogenous levels of CHPT1 protein
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human CHPT1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 24, 45 kD; Observed: 24, 45 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CPT1; Cholinephosphotransferase 1; hCPT1; AAPT1-like protein; Diacylglycerol cholinephosphotransferase 1
Gene Symbol	CHPT1
Entrez Gene	56994(Human)
SwissProt	Q8WUD6(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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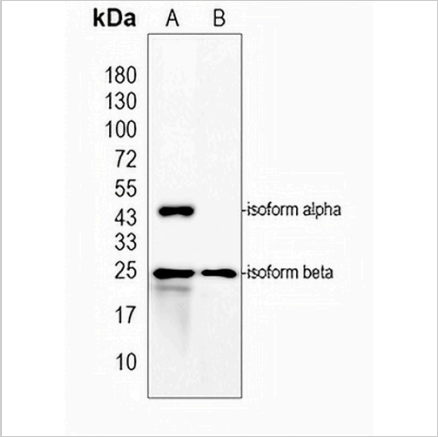
DATA



Western blot analysis of CHPT1 expression in F9 (A), HepG2 (B) whole cell lysates. (Predicted band size: 24, 45 kD; Observed band size: 24, 45 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.