

Rabbit CHPT1 Polyclonal Antibody | anti-CHPT1 antibody

CHPT1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284938	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Western Blot, ELISA, Flow Cytometry, Functional Assay

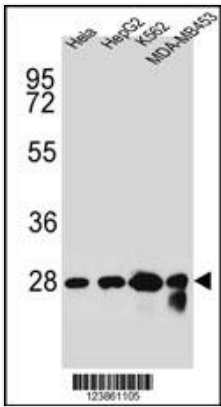
PRODUCT SYNONYMS

CHPT1; Polyclonal Antibody; CHPT1 Antibody (N-term); Cholinephosphotransferase 1; hCPT1; AAPT1-like protein; Diacylglycerol cholinephosphotransferase 1; CPT1; anti-CHPT1 antibody

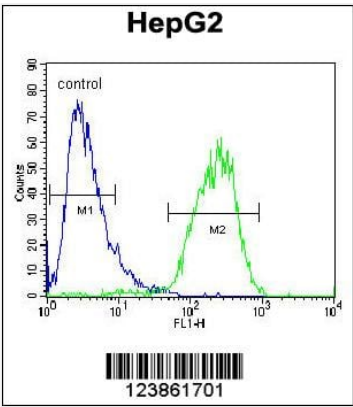
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHPT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-33 amino acids from the N-terminal region of human CHPT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	7-33
Sequence Length	218
Applicable Applications for anti-CHPT1 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
CHPT1 Antibody (N-term) western blot analysis in Hela, HepG2, K562, MDA-MB453 cell line lysates (35ug/lane). This demonstrates the CHPT1 antibody detected the CHPT1 protein (arrow).



FCM/FACS (Flow Cytometry)
CHPT1 Antibody (N-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CHPT1 antibody	Cardiovascular; Cell Biology; Metabolism
References	Akech, J., et al. Biochem. Biophys. Res. Commun. 333(1):35-41(2005) Ghosh, A., et al. Biochem. Biophys. Res. Commun. 297(4):1043-1048(2002) Henneberry, A.L., et al. J. Biol. Chem. 275(38):29808-29815(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50726996
NCBI GeneID	56994
NCBI Accession #	NP_064629.2
NCBI GenBank Nucleotide #	NM_020244.2
UniProt Accession #	Q8WUD6; Q7Z7H0; Q7Z7H1; Q7Z7H2; Q8IWQ4; Q8IWQ5; Q8WYI4; Q9NRQ6; Q9NRQ7; Q9Y6M6; B3KQM2
Molecular Weight	45097
NCBI Official Full Name	cholinephosphotransferase 1
NCBI Official Synonym Full Names	choline phosphotransferase 1
NCBI Official Symbol	CHPT1
NCBI Official Synonym Symbols	CPT; CPT1
NCBI Protein Information	cholinephosphotransferase 1
UniProt Protein Name	Cholinephosphotransferase 1
UniProt Gene Name	CHPT1
UniProt Synonym Gene Names	CPT1; hCPT1
UniProt Entry Name	CHPT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.