

Rabbit PCYT1A Polyclonal Antibody | anti-PCYT1A antibody

PCYT1A Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286350	Rabbit	Human (Predicted Reactivity: Hamster, Mouse, Rat)	Immunofluorescence, Western Blot, Immunohistochemistry, ELISA

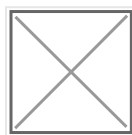
PRODUCT SYNONYMS

PCYT1A; Polyclonal Antibody; PCYT1A Antibody (N-term); Choline-phosphate cytidylyltransferase A; CCT-alpha; CTP:phosphocholine cytidylyltransferase A; CCT A; CT A; Phosphorylcholine transferase A; CTPCT; PCYT1; anti-PCYT1A antibody

PRODUCT SPECIFICATIONS

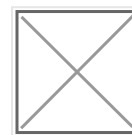
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Hamster, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PCYT1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-54 amino acids from the N-terminal region of human PCYT1A.
Purity/Purification	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: 0.49 (varies by lot)
Sequence Positions	27-54
Sequence Length	367
Applicable Applications for anti-PCYT1A antibody	IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Cellular Location	Cytoplasm, cytosol. Membrane; Peripheral membrane protein. Note=It can interconvert between an inactive cytosolic form and an active membrane-bound form.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



Application Data

All lanes : Anti-PCYT1A Antibody (N-term) at 1:1000 dilution Lane 1: HT-1080 whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of PCYT1A Antibody (N-term) with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

PCYT1A Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PCYT1A Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-PCYT1A antibody	PCYT1A controls phosphatidylcholine synthesis.
Product Categories/Family for anti-PCYT1A antibody	Neuroscience; Signal Transduction
References	Mostowska, A., et al. J. Med. Genet. (2010) In press : Mostowska, A., et al. Eur. J. Oral Sci. 118(4):325-332(2010) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543385
NCBI GeneID	5130
NCBI Accession #	NP_005008.2
NCBI GenBank Nucleotide #	NM_005017.2
UniProt Accession #	P49585; Q86Y88; A9LYK9; D3DXB1
NCBI Official Full Name	choline-phosphate cytidylyltransferase A
NCBI Official Synonym Full Names	phosphate cytidylyltransferase 1, choline, alpha
NCBI Official Symbol	PCYT1A
NCBI Official Synonym Symbols	CT; CTA; CCTA; CTPCT; PCYT1; SMDCRD
NCBI Protein Information	choline-phosphate cytidylyltransferase A
UniProt Protein Name	Choline-phosphate cytidylyltransferase A
UniProt Gene Name	PCYT1A
UniProt Synonym Gene Names	CTPCT; PCYT1; CCT A; CT A
UniProt Entry Name	PCY1A_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcyt1a-antibody-immunofluorescence-western-blot-immunohistochemistry-elisa/286350>