

Rabbit anti-Human PPCDC Polyclonal Antibody | anti-PPCDC antibody

PPCDC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234974	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

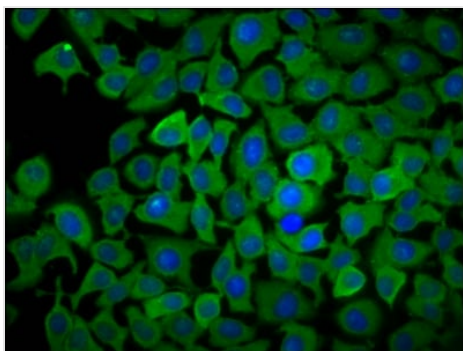
PRODUCT SYNONYMS

PPCDC; Polyclonal Antibody; PPCDC Antibody; Phosphopantothenoylcysteine decarboxylase; PPC-DC; CoaC; COAC; MDS018; UNQ9365/PRO34154; anti-PPCDC antibody

PRODUCT SPECIFICATIONS

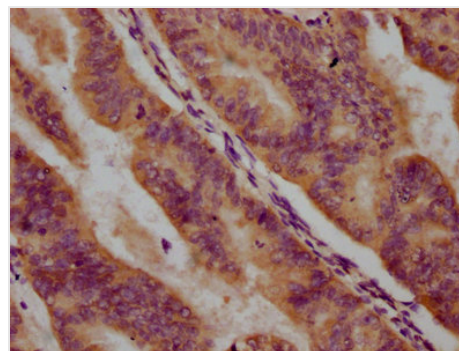
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	161
Applicable Applications for anti-PPCDC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Phosphopantothenoylcysteine decarboxylase protein (51-183AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234974 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234974 diluted at 1:500 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-PPCDC antibody	Necessary for the biosynthesis of coenzyme A. Catalyzes the decarboxylation of 4-phosphopantothienoylcysteine to form 4'-phosphopantotheine.
Product Categories/Family for anti-PPCDC antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	666875837
NCBI GeneID	60490
NCBI Accession #	NP_001288030.1
NCBI GenBank Nucleotide #	NM_001301101.1
UniProt Accession #	Q96CD2; Q96SX0; Q9HC17
Molecular Weight	14,069 Da
NCBI Official Full Name	phosphopantothienoylcysteine decarboxylase isoform b
NCBI Official Synonym Full Names	phosphopantothienoylcysteine decarboxylase
NCBI Official Symbol	PPCDC
NCBI Official Synonym Symbols	coaC; MDS018; PPC-DC
NCBI Protein Information	phosphopantothienoylcysteine decarboxylase
UniProt Protein Name	Phosphopantothienoylcysteine decarboxylase
UniProt Gene Name	PPCDC
UniProt Synonym Gene Names	COAC; PPC-DC

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://www.aaabiotech.com/polyclonal/ppcdc-antibody-immunofluorescence-immunohistochemistry-elisa/234974>