Rabbit anti-Human, Mouse PC Polyclonal Antibody | anti-PC antibody

PC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232617	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

PC; Polyclonal Antibody; PC Antibody; Pyruvate carboxylase; mitochondrial; Pyruvic carboxylase; PCB; anti-PC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1178
Applicable Applications for anti-PC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Pyruvate carboxylase, mitochondrial protein (773-1007AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-46228 / sc-46229 / sc-46230 / sc-46231 / sc-67021
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IHC (Immunohistochemisry)
Immunofluorescent analysis of A549 cells using AAA232617 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA232617 at dilution of 1:100

WB (Western Blot)
Western BlotPositive WB detected in:Mouse liver tissue,Mouse kidney tissueAll lanes: PC antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 130,58 kDaObserved band size: 130 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PC antibody	Pyruvate carboxylase catalyzes a 2-step reaction, involving the ATP-dependent carboxylation of the covalently attached biotin in the first step and the transfer of the carboxyl group to pyruvate in the second. Catalyzes in a tissue specific manner, the initial reactions of glucose (liver, kidney) and lipid (adipose tissue, liver, brain) synthesis from pyruvate.

NCBI AND UNIPROT INFORMATION

NCBI GI #	106049295
NCBI GeneID	5091
NCBI Accession #	NP_000911.2
NCBI GenBank Nucleotide #	NM_000920.3
UniProt Accession #	P11498; Q16705; B4DN00
Molecular Weight	57,925 Da
NCBI Official Full Name	pyruvate carboxylase, mitochondrial
NCBI Official Synonym Full Names	pyruvate carboxylase
NCBI Official Symbol	PC
NCBI Official Synonym Symbols	PCB
NCBI Protein Information	pyruvate carboxylase, mitochondrial
UniProt Protein Name	Pyruvate carboxylase, mitochondrial
UniProt Gene Name	**PC**
UniProt Synonym Gene Names	PCB
UniProt Entry Name	PYC_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/pc-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232617