

Goat PC / Pyruvate Carboxylase Polyclonal Antibody | anti-PC antibody

Goat Polyclonal to Human PC / Pyruvate Carboxylase

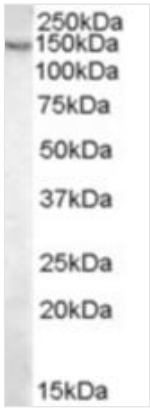
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50882	Goat	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Goat (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

PC / Pyruvate Carboxylase; Polyclonal Antibody; Goat Polyclonal to Human PC / Pyruvate Carboxylase; Anti-PC / Pyruvate Carboxylase Antibody (Internal) IHC-plus; PC; PCB; Pyruvate carboxylase; Pyruvic carboxylase; Human PC; Pyruvate Carboxylase; anti-PC antibody

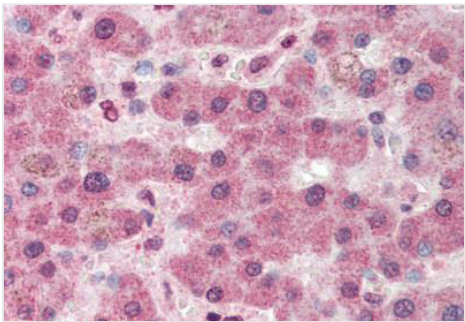
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Goat (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PC / Pyruvate Carboxylase. All reported variants (NP_000911.2; NP_001035806.1; NP_071504.2) represent identical protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	1178
Applicable Applications for anti-PC antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-KFKEVKKAYVEANQ from an internal region of human PC / Pyruvate Carboxylase (NP_000911.2; NP_001035806.1; NP_071504.2).
Immunogen Type	Synthetic peptide
Immunogen	PC / Pyruvate Carboxylase antibody was raised against synthetic peptide C-KFKEVKKAYVEANQ from an internal region of human PC / Pyruvate Carboxylase (NP_000911.2; NP_001035806.1; NP_071504.2). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig (100%); Goat, Stickleback, Pufferfish (93%); Opossum, Chicken, Xenopus, Zebrafish (86%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)

Antibody (0.03 ug/ml) staining of Mouse Liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-Pyruvate Carboxylase antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

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; pyruvic carboxylase
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.