

**PC / Pyruvate Carboxylase Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS12273**

**Specification**

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**PC / Pyruvate Carboxylase Antibody (Internal) - Product Information**

Application	WB
Primary Accession	<a href="#">P11498</a>
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	130kDa KDa

**PC / Pyruvate Carboxylase Antibody (Internal) - Additional Information**

**Gene ID** 5091

**Other Names**

Pyruvate carboxylase, mitochondrial, 6.4.1.1, Pyruvic carboxylase, PCB, PC

**Target/Specificity**

Human PC / Pyruvate Carboxylase. All reported variants (NP\_000911.2; NP\_001035806.1; NP\_071504.2) represent identical protein.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

PC / Pyruvate Carboxylase Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**PC / Pyruvate Carboxylase Antibody (Internal) - Protein Information**

**Name** PC ([HGNC:8636](#))

**Function**

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.

**Cellular Location**

Mitochondrion matrix

**PC / Pyruvate Carboxylase Antibody (Internal) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **PC / Pyruvate Carboxylase Antibody (Internal) - Images**



Antibody (0.03 ug/ml) staining of Mouse Liver lysate (35 ug protein in RIPA buffer).

#### **PC / Pyruvate Carboxylase Antibody (Internal) - Background**

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#### **PC / Pyruvate Carboxylase Antibody (Internal) - References**

Wexler I.D., et al. Biochim. Biophys. Acta 1227:46-52(1994).  
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Ota T., et al. Nat. Genet. 36:40-45(2004).  
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