

Anti-PCB Rabbit Monoclonal Antibody
Catalog # ABO15570**Specification****Anti-PCB Rabbit Monoclonal Antibody - Product Information**

Application	WB, IF, ICC
Primary Accession	P11498
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-PCB Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-PCB Rabbit Monoclonal Antibody - Additional Information

Gene ID 5091

Other Names

Pyruvate carboxylase, mitochondrial, 6.4.1.1, Pyruvic carboxylase, PCB, PC ([HGNC:8636](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=8636))

Calculated MW

130 kDa KDa

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human PCB

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-PCB Rabbit Monoclonal Antibody - 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

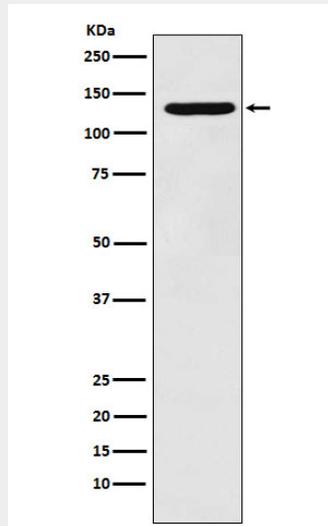
Mitochondrion matrix

Anti-PCB Rabbit Monoclonal Antibody - 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](#)

Anti-PCB Rabbit Monoclonal Antibody - Images



Western blot analysis of PCB expression in HepG2 cell lysate.