

Anti-PCB Rabbit Monoclonal Antibody

Catalog # ABO15570

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.

Additional Information

Gene ID	5091
Other Names	Pyruvate carboxylase, mitochondrial, 6.4.1.1, Pyruvic carboxylase, PCB, PC (HGNC:8636)
Calculated MW	129634
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
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.
Clone Names	Clone: 21P46
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.

Protein Information

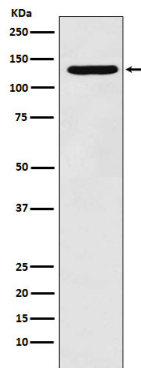
Name	PC (HGNC:8636)
Function	Pyruvate carboxylase catalyzes a 2-step reaction, involving the ATP-dependent carboxylation of the covalently attached biotin in the first step and the transfer of the carboxyl group to pyruvate in the second. Catalyzes in a tissue specific manner, the initial reactions of glucose (liver, kidney) and

lipid (adipose tissue, liver, brain) synthesis from pyruvate.

Cellular Location

Mitochondrion matrix

Images



Western blot analysis of PCB expression in HepG2 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.