10320 Camino Santa Fe, Suite G
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Pyruvate Carboxylase Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51826

Specification

Pyruvate Carboxylase Antibody - Product Information

Application	**WB**
Primary Accession	P11498
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**130 KDa**
Antigen Region	**341 - 400**

Pyruvate Carboxylase Antibody - Additional Information

Gene ID 5091

Other Names
Pyruvate carboxylase, mitochondrial, Pyruvic carboxylase, PCB, PC

Target/Specificity
KLH conjugated synthetic peptide derived from human Pyruvate Carboxylase

Dilution
WB~~ 1:1000

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Pyruvate Carboxylase 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

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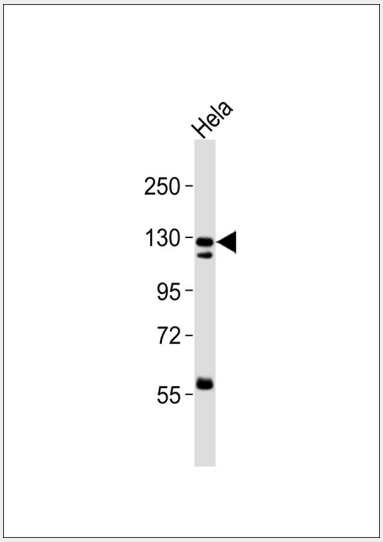
Pyruvate Carboxylase Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Pyruvate Carboxylase Antibody - Images



Anti-Pyruvate Carboxylase Antibodyat 1:1000 dilution + Hela whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 130 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Pyruvate Carboxylase Antibody - Background

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.

Pyruvate Carboxylase Antibody - References

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