

PCK1 Antibody

CAB2036

Description

This PCK1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB2036

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: PCKDC, PEPCK1, PEPCKC, PEPCK-C, PCK1

Clone: -

Applications: **WB** **IF/ICC** **IP** **ELISA** **IF-P**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5105

Uniprot: AB_2764060

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 69kDa

Calculated MW: 69kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

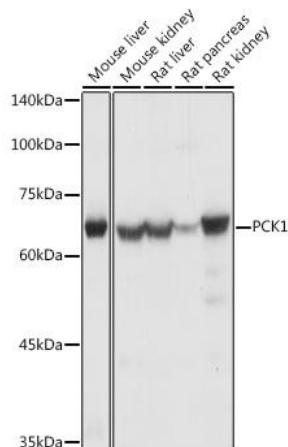
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HepG2, Mouse liver, Mouse kidney, Rat liver, Rat pancreas, Rat kidney

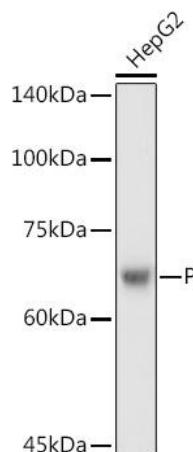
Recommended Dilutions:	<p>WB 1:500 - 1:1000</p> <p>IP 0.5µg-4µg antibody for 400µg-600µg extracts of whole cells</p> <p>IF/ICC 1:50 - 1:200</p> <p>IF-P 1:50 - 1:200</p> <p>ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</p>
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Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

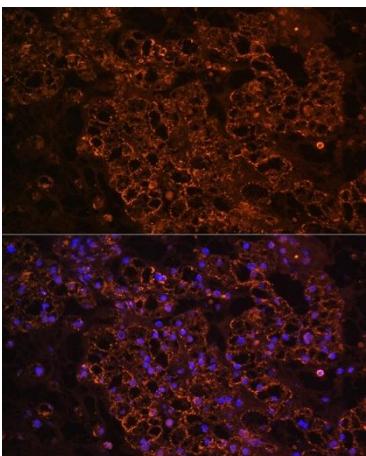
Validation Data



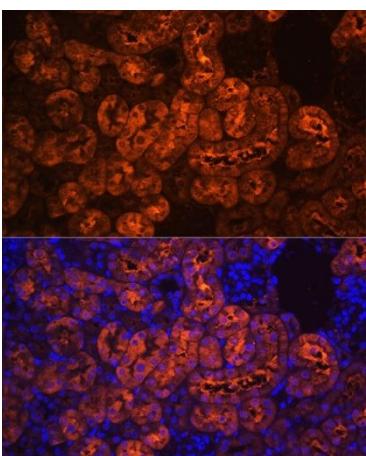
Western blot analysis of various lysates using Rabbit pAb (CAB2036) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



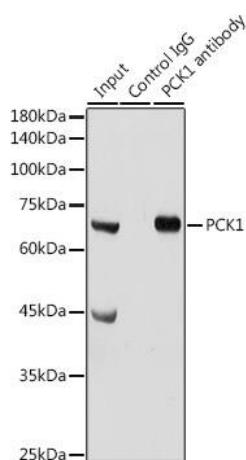
Western blot analysis of lysates from HepG2 cells, using Rabbit pAb (CAB2036) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Immunofluorescence analysis of paraffin-embedded human kidney cancer using Rabbit pAb (CAB2036) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse kidney using Rabbit pAb (CAB2036) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 µg extracts of Mouse liver cells using 3 µg antibody (CAB2036). Western blot was performed from the immunoprecipitate using antibody (CAB2036) at a dilution of 1:1000.