

Datasheet for ABIN2460581

anti-PCK1 antibody





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| Quantity: | 100 μL |
| Target: | PCK1 |
| Reactivity: | Human, Mouse, Rat, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PCK1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |
| Product Details | |
| Immunogen: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of |
| | human PCK1. |
| Purification: | Antibody is purified by protein A chromatography method. |
| Target Details | |
| Target: | PCK1 |
| Alternative Name: | PCK1 (PCK1 Products) |
| Background: | PCK1 is a main control point for the regulation of gluconeogenesis. The cytosolic enzyme |
| | encoded by this gene, along with GTP, catalyzes the formation of phosphoenolpyruvate from |
| | oxaloacetate, with the release of carbon dioxide and GDP. The expression of PCK1 can be |
| | regulated by insulin, glucocorticoids, glucagon, cAMP, and diet. |
| Molecular Weight: | 69 kDa |
| | |

Target Details

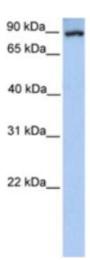
| Gene ID: | 5105 |
|-----------------|--|
| NCBI Accession: | NP_002582 |
| UniProt: | P35558 |
| Pathways: | Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis |

Application Details

| Application Notes: | PCK1 antibody can be used for detection of PCK1 by ELISA at 1:1562500. PCK1 antibody can |
|--------------------|---|
| | be used for detection of PCK1 by western blot at 1.25 $\mu g/mL$, and HRP conjugated secondary |
| | antibody should be diluted 1:50,000 - 100,000. |
| Restrictions: | For Research Use only |

Handling

| Format: | Lyophilized |
|------------------|--|
| Reconstitution: | Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL. |
| Concentration: | 1 mg/mL |
| Buffer: | Antibody is lyophilized in PBS buffer with 2 % sucrose. |
| Handling Advice: | As with any antibody avoid repeat freeze-thaw cycles. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | For short periods of storage (days) store at 4 °C. For longer periods of storage, store PCK1 antibody at -20 °C. |



Western Blotting

Image 1.