

## PCK2 recombinant antibody

Recombinant Anti-PCK2 Rabbit mAb

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA266416</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

PCK2; Monoclonal Recombinant Antibody; Recombinant Anti-PCK2 Rabbit mAb; PEPCK2; Phosphoenolpyruvate carboxykinase [GTP]; mitochondrial; PEPCK-M; PCK2 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                        |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                                                 |
| Reactivity                                            | Human, Mouse, Rat                                                                                                      |
| Clonality                                             | Monoclonal                                                                                                             |
| Specificity                                           | Recognizes endogenous levels of PCK2 protein                                                                           |
| Purity/Purification                                   | The antibody was purified by immunogen affinity chromatography.                                                        |
| Form/Format                                           | Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                        |
| Applicable Applications for PCK2 recombinant antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                          |
| Immunogen                                             | KLH-conjugated synthetic peptide encompassing a sequence within human PCK2 protein. The exact sequence is proprietary. |
| Preparation and Storage                               | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.         |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PCK2 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of PCK2 expression in K562 (A), MCF7 (B), Hela (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 71 kD)

### ADDITIONAL INFORMATION

|                                                           |                                                |
|-----------------------------------------------------------|------------------------------------------------|
| Related Product Information for PCK2 recombinant antibody | Recombinant rabbit monoclonal antibody to PCK2 |
| Product Categories/Family for PCK2 recombinant antibody   | <a href="#">Primary Antibody</a>               |

### NCBI AND UNIPROT INFORMATION

|           |           |
|-----------|-----------|
| NCBI GI # | 614458223 |
|-----------|-----------|

|                                  |                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 5106                                                                                                                                                           |
| NCBI Accession #                 | NP_001018083                                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_001018073                                                                                                                                                   |
| UniProt Accession #              | Q16822; Q8BH04                                                                                                                                                 |
| Molecular Weight                 | 47,564 Da                                                                                                                                                      |
| NCBI Official Full Name          | phosphoenolpyruvate carboxykinase                                                                                                                              |
| NCBI Official Synonym Full Names | phosphoenolpyruvate carboxykinase 2 (mitochondrial)                                                                                                            |
| NCBI Official Symbol             | PCK2                                                                                                                                                           |
| NCBI Official Synonym Symbols    | PEPCK; PEPCK2; PEPCK-M                                                                                                                                         |
| NCBI Protein Information         | phosphoenolpyruvate carboxykinase [GTP], mitochondrial; phosphoenolpyruvate carboxykinase [GTP], mitochondrial; PEP carboxykinase; phosphopyruvate carboxylase |
| UniProt Protein Name             | Phosphoenolpyruvate carboxykinase [GTP], mitochondrial                                                                                                         |
| UniProt Gene Name                | PCK2                                                                                                                                                           |
| UniProt Synonym Gene Names       | PEPCK2; PEPCK-M                                                                                                                                                |
| UniProt Entry Name               | PCKGM_HUMAN                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pck2-recombinant-antibody-immunohistochemistry-western-blot-elisa/266416>