

Goat PCK2/PEPCK-M Polyclonal Antibody | anti-PCK2 antibody

Goat anti-PCK2/PEPCK-M Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61018	Goat	Tested: Human, Mouse, Rat, Guinea Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	Western Blot, ELISA

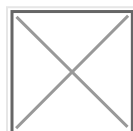
PRODUCT SYNONYMS

PCK2/PEPCK-M; Polyclonal Antibody; Goat anti-PCK2/PEPCK-M Antibody; PCK2; PEPCK-M; phosphoenolpyruvate carboxykinase 2 (mitochondrial); HGNC: 8725; PEPCK; PEPCK2; PEP carboxykinase; mitochondrial phosphoenolpyruvate carboxykinase 2; phosphoenolpyruvate carboxylase; phosphopyruvate carboxylase; PCK2 antibody; PEPCK-M antibody; phosphoenolpyruvate carboxykinase 2 (mitochondrial) antibody; HGNC: 8725 antibody; PEPCK antibody; PEPCK2 antibody; PEP carboxykinase antibody; mitochondrial phosphoenolpyruvate carboxykinase 2 antibody; phosphoenolpyruvate carboxylase antibody; phosphopyruvate carboxylase antibody; PCK2 / PEPCK-M; anti-PCK2 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat, Guinea Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KPWKPGDKEP CAH
Sequence Length	640
Applicable Applications for anti-PCK2 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence KPWKPGDKEPCA, from the internal region of the protein sequence according to NP_004554.2.
Epitope	Internal region
Note	This antibody is expected to recognise isoform 1 (NP_004554) only, no cross-reactivity with PCK1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

2ug/ml staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66346721
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NCBI GeneID	5106
NCBI Accession #	NP_004554.2
NCBI GenBank Nucleotide #	NM_004563.2
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
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/polyclonal/pck2-pepck-m-antibody-western-blot-peptide-elisa-elisa/61018>