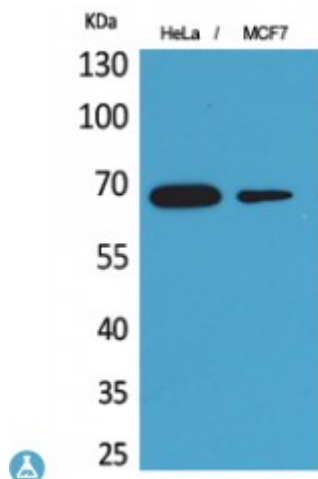


Anti-PEPCK-C antibody



Description	Rabbit polyclonal to PEPCK-C.
Model	STJ96601
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human PEPCK-C.
Immunogen Region	Internal
Gene ID	5105
Gene Symbol	PCK1
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	PEPCK-C Polyclonal Antibody detects endogenous levels of PEPCK-C protein.
Tissue Specificity	Major sites of expression are liver, kidney and adipocytes.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Phosphoenolpyruvate carboxykinase, cytosolic GTP PEPCK-C
Molecular Weight	65 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:8724OMIM:261680
Alternative Names	Phosphoenolpyruvate carboxykinase, cytosolic GTP PEPCK-C
Function	Catalyzes the conversion of oxaloacetate (OAA) to phosphoenolpyruvate (PEP), the rate-limiting step in the metabolic pathway that produces glucose from lactate and other precursors derived from the citric acid cycle.
Cellular Localization	Cytoplasm.
Post-translational Modifications	Lysine acetylation by p300/EP300 is increased on high glucose conditions and promotes ubiquitination by UBR5, acetylation is enhanced in the presence of BAG6. Deacetylated by SIRT2. Ubiquitination by UBR5 leads to proteasomal degradation.