

Datasheet for ABIN5008475

anti-PEPCK antibody (AA 365-470) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PEPCK
Binding Specificity:	AA 365-470
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEPCK antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCK2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PEPCK
Alternative Name:	PCK2 (PEPCK Products)

Target Details

Background:	Synonyms: PEPCK, PEPCK2, PEPCK-M, Phosphoenolpyruvate carboxykinase [GTP], mitochondrial, PCK2 Background: 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.
Gene ID:	5106
UniProt:	Q16822
Pathways:	Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months