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Datasheet for ABIN708208

anti-PEPCK antibody (AA 365-470) (Biotin)

Overview

Quantity:	100 µL
Target:	PEPCK
Binding Specificity:	AA 365-470
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEPCK antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months