Phosphoenolpyruvate carboxykinase, cytosolic [GTP] Polyclonal Antibody

Catalog No: #42288

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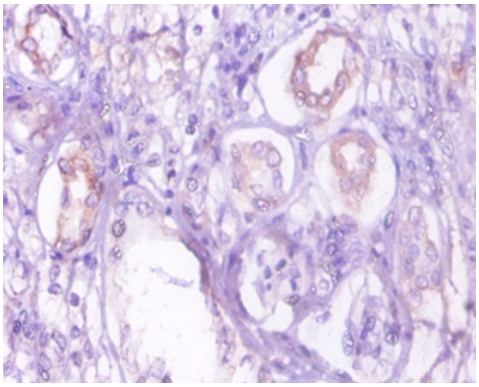
Description

Product Name	Phosphoenolpyruvate carboxykinase, cytosolic [GTP] Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Phosphoenolpyruvate carboxykinase, cytosolic [GTP] polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Phosphoenolpyruvate carboxykinase, cytosolic [GTP] protein
Target Name	Phosphoenolpyruvate carboxykinase, cytosolic [GTP]
Other Names	Phosphoenolpyruvate carboxylase, PCK1, PEPCK1
Accession No.	Swiss-Prot#: P35558
Uniprot	P35558
GeneID	5105;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human kidney using #42288 at dilution of 1:10.

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.

References

[1] cDNA sequence and localization of polymorphic human cytosolic phosphoenolpyruvate carboxykinase gene (PCK1) to chromosome 20, band q13.31: PCK1 is not tightly linked to maturity-onset diabetes of the young.Stoffel M., Xiang K.S., Espinosa R. III, Cox

Note: This product is for in vitro research use only