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PEPCK/PCK2 Rabbit pAb

Catalog No.: A8446 5 Publications

Basic Information

Observed MW
69kDa

Calculated MW
71kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes a mitochondrial enzyme that catalyzes the conversion of oxaloacetate to phosphoenolpyruvate in the presence of guanosine triphosphate (GTP). A cytosolic form of this protein is encoded by a different gene and is the key enzyme of gluconeogenesis in the liver. Alternatively spliced transcript variants have been described.

Recommended Dilutions

WB	1:500 - 1:1000

Immunogen Information

Gene ID
5106

Swiss Prot
Q16822

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human PEPCK/PCK2 (NP_004554.2).

Synonyms
PEPCK; PEPCK2; PEPCK-M; PEPCK/PCK2

Contact

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Product Information

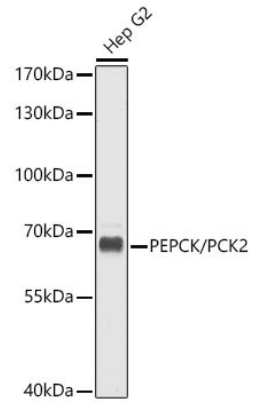
Source
Rabbit

Isotype
IgG

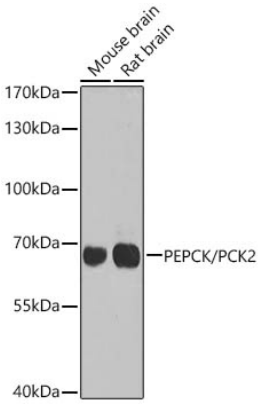
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Hep G2 cells using PEPCK/PCK2 Rabbit pAb(A8446) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Western blot analysis of various lysates using PEPCK/PCK2 Rabbit pAb (A8446) at 1:1000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposuretime: 90s.