

**PCK1 Recombinant Rabbit mAb**

Catalog: BS49721

Host: Rabbit

Reactivity: Human

BackGround:

This gene is a main control point for the regulation of gluconeogenesis. The cytosolic enzyme encoded by this gene, along with GTP, catalyzes the formation of phosphoenolpyruvate from oxaloacetate, with the release of carbon dioxide and GDP. The expression of this gene can be regulated by insulin, glucocorticoids, glucagon, cAMP, and diet. Defects in this gene are a cause of cytosolic phosphoenolpyruvate carboxykinase deficiency. A mitochondrial isozyme of the encoded protein also has been characterized. [provided by RefSeq, Jul 2008]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

63 kDa

Swiss-Prot:

P35558

Purification&Purity:

Affinity Purification

Applications:

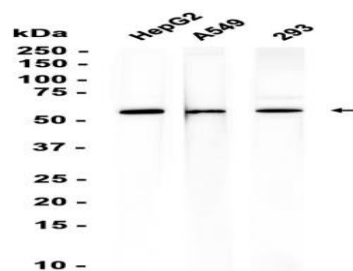
WB: 1:1000-1:10000 IHC-P: 1:200-1:500

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:

Western blot analysis of extracts from HepG2, A549, 293 cells using it at 1:1000.

Immunofluorescence analysis of MCF-7 cells labelling MKK3/MKK6 with it.

Note:

For research use only, not for use in diagnostic procedure.

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