

PCK2 Rabbit Polyclonal Antibody

Catalog No: #55518

Package Size: #55518-1 50ul #55518-2 100ul

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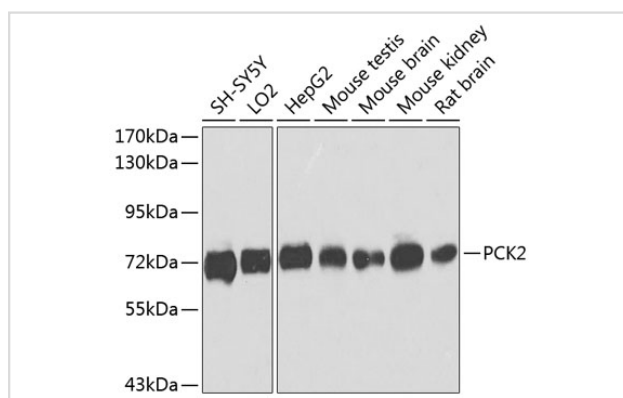
Description

Product Name	PCK2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PCK2 (NP_004554.2).
Conjugates	Unconjugated
Other Names	PCK2;PEPCK;PEPCK-M;PEPCK2
Accession No.	Swiss Prot:Q16822GeneID:5106
Calculated MW	47kDa/70kDa
SDS-PAGE MW	71kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using PCK2 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 10s.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.