

Datasheet for ABIN7264485

anti-PEPCK antibody**1** Image[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	PEPCK
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEPCK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human PCK2 (NP_004554.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PEPCK
Alternative Name:	PCK2 (PEPCK Products)
Background:	<p>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.</p> <p>Alternatively spliced transcript variants have been described.</p>

Target Details

Molecular Weight:	Observed_MW: 71 kDa
	Calculated_MW: 47 kDa/70 kDa
Gene ID:	5106
UniProt:	Q16822
Pathways:	Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis

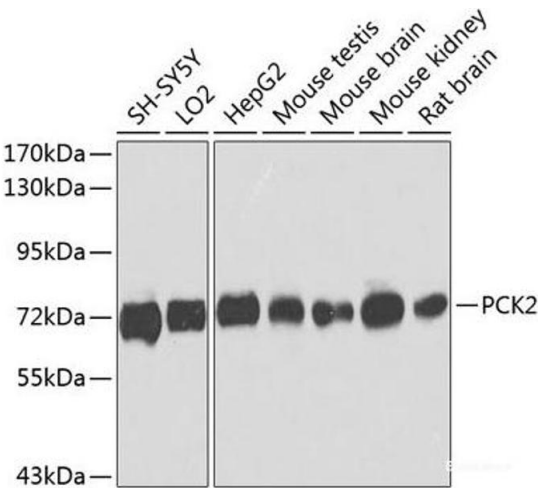
Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using PCK2 Polyclonal Antibody at dilution of 1:1000.