

PCK2 Polyclonal Antibody

Catalog NumberPA5-30688

Product data sheet

Details		Tested Applications	Dilution *
Size	100 µL	Western Blot (WB)	1:500-1:3,000
Host/Isotope	Rabbit / IgG	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Class	Polyclonal		
Type	Antibody		
Immunogen	Recombinant fragment corresponding to a region within amino acids 157 and 431 of Human PCK2		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.72 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA5-30688 targets PCK2 in WB applications and shows reactivity with Human samples. The PA5-30688 immunogen is recombinant fragment corresponding to a region within amino acids 157 and 431 of Human PCK2.

Background/Target Information

This gene encodes a member of the phosphoenolpyruvate carboxykinase (GTP) family. The protein is a mitochondrial enzyme that catalyzes the conversion of oxaloacetate to phosphoenolpyruvate in the presence of GTP. A cytosolic form encoded by a different gene has also been characterized and is the key enzyme of gluconeogenesis in the liver. The encoded protein may serve a similar function, although it is constitutively expressed and not modulated by hormones such as glucagon and insulin that regulate the cytosolic form. Alternatively spliced transcript variants have been described.

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