



Mouse anti-Human ADPGK polyclonal antibody (DPAB-DC3413)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	ADPGK (EC 2.7.1.147) catalyzes the ADP-dependent phosphorylation of glucose to glucose-6-phosphate and may play a role in glycolysis, possibly during ischemic conditions (Ronimus and Morgan, 2004 [PubMed 14975750]).[supplied by OMIM, Mar 2008]
Immunogen	ADPGK (NP_112574, 425 a.a. ~ 496 a.a) partial recombinant protein with GST tag. The sequence is SLRAPQEFMTSHSEAGSRIVLNPNKPVVEWHREGISFHFTPVLVCKDPIRTVGLGDAISA EGLFYSEVHPHY
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [ADPGK ADP-dependent glucokinase \[Homo sapiens \(human\) \]](#)

Official Symbol	ADPGK
Synonyms	ADPGK; ADP-dependent glucokinase; ADP-GK; 2610017G09Rik; rbBP-35; ATP-dependent glucokinase;
Entrez Gene ID	83440
Protein Refseq	NP_112574
UniProt ID	Q9BRR6
Chromosome Location	15q24.1
Pathway	Carbon metabolism; Glycolysis (Embden-Meyerhof pathway), glucose => Glycolysis (Embden-Meyerhof pathway), glucose => Glycolysis / Gluconeogenesis
Function	ADP-specific glucokinase activity; metal ion binding;