

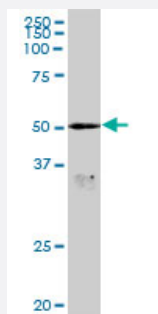
MaxPab®

ADPGK MaxPab mouse polyclonal antibody (B01P)

Catalog # H00083440-B01P

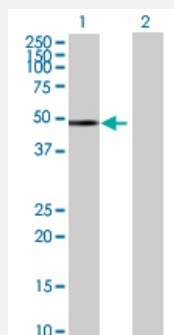
Size 50 ug

Applications



Western Blot (Cell lysate)

ADPGK MaxPab polyclonal antibody. Western Blot analysis of ADPGK expression in U-2 OS.



Western Blot (Transfected lysate)

Western Blot analysis of ADPGK expression in transfected 293T cell line ([H00083440-T01](#)) by ADPGK MaxPab polyclonal antibody.

Lane 1: ADPGK transfected lysate(54.67 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ADPGK protein.

Immunogen

ADPGK (AAH06112.1, 1 a.a. ~ 497 a.a) full-length human protein.

Sequence

MALWRGSAYAGFLALAVGCVFLLEPELPGSALRSLWSSLCLGPAPAPPGPVSPGRLAAAWDA
LVRPVRWRVAVGVNACVDVVLSGVKLLQALGLSPGNKGDHSILHSRNDLEEFHFHFMKGAA
AERFFSDKETFDIAQVASEFPGAQHYVGGNAALIGQKFAANSCLKVLLCGPVGPKLHELLDDNV
FVPPESLQEVEFHILEYQAGEEWGQLKAPHANRFIFSHDLSNGAMNMLEVFVSSLEEFQPD
VVLSSLHMMEGQSKELQRKRLLEVVTSSIDIPTGIPVHLELASMTNRELMSSVHQVFPVAVTSLG
LNEQELLFLTQSASGPHSSLSSWNGVPDVGMSDILFWILKEHGRSKSRASDLTRHFHTLVYHIL
ATVDGHWANQLAAVAAGARVAGTQACATETIDTSRVSLRAPQEFMTSHSEAGSRVLPNPKPVV
EWHREGISFHFTPVLVCKDPIRTVGLGDAISAEGLFYSEVHPHY

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — ADPGK

Entrez GeneID	83440
GeneBank Accession#	BC006112.1
Protein Accession#	AAH06112.1
Gene Name	ADPGK
Gene Alias	2610017G09Rik, ADP-GK, DKFZp434B195
Gene Description	ADP-dependent glucokinase
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

ATP-dependent glucokinase

Disease

- [Tobacco Use Disorder](#)