

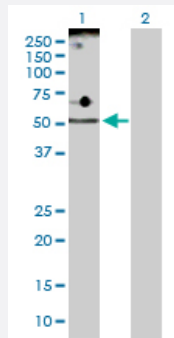
MaxPab®

ADPGK purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00083440-D01P

Size 100 ug

Applications



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(54.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MALWRGSAYAGFLALAVGCVFLLEPELPGSALRSLWSSLCLGPAPAPPGPVSPPEGRALAAWDA LVRPVRWRVAVGVNACVDVVLGKLLQALGLSPGNKGDHSLHSRNDLEEFHFMKGAA AERFFSDKETFDIAQVASEFPGAQHYVGGNAALIGQKFAANSCLKVLLCGPVGPKLHELLDDNV FVPPELQEVDEFHLILEYQAGEEWGQLKAPHANRFIFSHDLNNGAMNMLEVFVSSLEEFQPD VVLGSLHMMEGQSKELQRKRLLEVVTSSIDPTGIPVHLELASMTNRELMSSVHQVFPVAVTSLG LNEQELLFLTQSASGPHSSLSSWNGVPDVGMVSDILFWILKEHGRSKSRASDLTRHFHTLVYHIL ATVDGHWANQLAAVAAGARVAGTQACATETIDTSRVSLRAPQEFMTSHSEAGSRVLPNPKPVV EWHREGISFHFPTVLVCKDPIRTVGLGDAISAEGLFYSEVHPHY
Host	Rabbit
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](#)

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](#)