

## ADPGK polyclonal antibody

Catalog: BS65013

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

ADPGK (ADP-dependent glucokinase), also known as ADP-GK or RbBP-35, is a member of the ADP-dependent glucokinase family of proteins that are involved in both carbohydrate degradation and glycolysis. Expressed in a wide variety of tissues including lymphatic, endocrine, muscular and epithelial, ADPGK functions to catalyze the ADP-dependent phosphorylation of D-glucose to D-glucose 6-phosphate. Although GDP and CDP can replace ADP as a phosphate donor, the enzymatic efficiency of ADPGK is decreased when anything other than ADP is used. ADPGK contains one ADPK (ADP-dependent kinase) domain and is able to bind one magnesium ion as a cofactor. Five isoforms of ADPGK exist due to alternative splicing events.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

~ 45-55kDa

### Swiss-Prot:

Q9BRR6

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

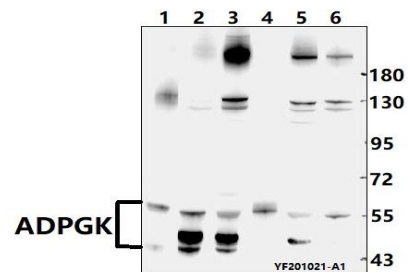
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ADPGK polyclonal antibody detects endogenous levels of ADPGK protein.

### DATA:



Western blot (WB) analysis of ADPGK polyclonal antibody at 1:500 dilution

Lane1: The spleen tube tissue lysate of rat(40ug)

Lane2: Raw264.7 whole cell lysate(40ug)

Lane3: HeLa whole cell lysate(40ug)

Lane4: The spleen tube tissue lysate of mouse(40ug)

Lane5: A549 whole cell lysate(40ug)

Lane6: SHSY5Y whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151