

## GAPDH Rabbit monoclonal antibody

Catalog: AP1027      Host: Rabbit      Reactivity: Human, Mouse, Rat

### BackGround:

Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. As well as functioning as a glycolytic enzyme in cytoplasm, recent evidence suggests that mammalian GAPDH is also involved in a great number of intracellular processes such as membrane fusion, microtubule bundling, phosphotransferase activity, nuclear RNA export, DNA replication, and DNA repair. During the last decade a lot of data appeared concerning the role of GAPDH in different pathologies including prostate cancer progression, programmed neuronal cell death, age related neuronal diseases, such as Alzheimer's and Huntington's disease. GAPDH is expressed in all cells. It is constitutively expressed in almost all tissues at high levels.

### Product:

0.5mg/ml in PBS with 0.05% proclin300, 50% glycerol, pH7.2

### Molecular Weight:

~ 36 kDa

### Swiss-Prot:

N/A

### Purification&Purity:

The antibody was affinity-purified from cell culture supernatant by protein A+G and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:10000~1:20000

IHC:1:500~1:1000

IF:1:500~1:1000

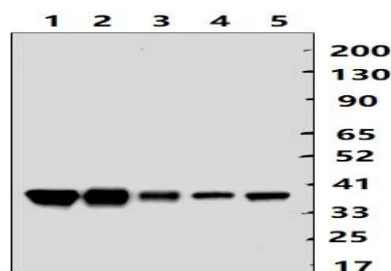
### Storage&Stability:

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

### Specificity:

GAPDH mAb detects endogenous levels of GAPDH protein.

### DATA:



Western blot (WB) analysis of GAPDH Rabbit mAb at 1:10000 dilution

Lane1:A549 whole cell lysate(20ug)

Lane2:The Heart tissue lysate of Mouse(20ug)

Lane3:The Spleen tissue lysate of Mouse(20ug)

Lane4:The Lung tissue lysate of Rat(20ug)

Lane5:The Kidney tissue lysate of Rat(20ug)

### 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