

## GK/GK3 (H39) polyclonal antibody

Catalog: BS2308

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

GK1 is a 559 amino acid mitochondrial peripheral membrane protein that belongs to the FGGY kinase family and is a key enzyme involved in the regulation of glycerol uptake and metabolism. GK shows high expression in kidney, testis and liver and exists as three isoforms, which are produced as a result of alternative splicing events. Glycerol kinase 3 is a key enzyme in the regulation of glycerol uptake and metabolism. Glycerol kinase 3 (GKP3, GK3) could be the product of a pseudogene.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 61 kDa

### Swiss-Prot:

P32189/Q14409

### 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

IHC: 1:50~1:200

### Storage&Stability:

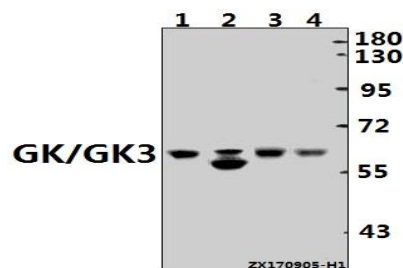
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

GK/GK3 (H39) polyclonal antibody detects endogenous

levels of GK and GK3 protein.

### DATA:



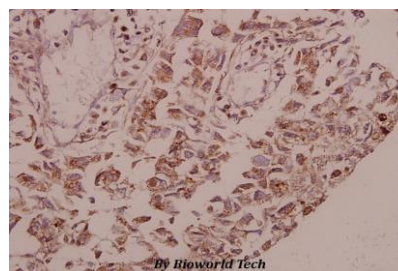
Western blot (WB) analysis of GK/GK3 (H39) pAb at 1:2000 dilution

Lane1:SP2/0 whole cell lysate(40ug)

Lane2:The Kidney tissue lysate of Rat(40ug)

Lane3:HEK293T whole cell lysate(20ug)

Lane4:HepG2 whole cell lysate(20ug)



Immunohistochemistry (IHC) analyzes of GK/GK3 (H39) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

### Note:

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

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