

## QSK polyclonal antibody

Catalog: BS62472

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

The phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions in eukaryotes, including cell division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the serine/ threonine (Ser/Thr) protein kinases. The salt-inducible kinases (SIKs) are a family of related serine-threonine kinases and are key enzymes that modulate important processes such as steroid hormone biosynthesis and Insulin signaling in adipocytes. QSK, also known as L19 or SIK3 (salt-inducible kinase 3), is a 1,263 amino acid cytoplasmic protein belonging to the protein kinase superfamily, CAMK Ser/Thr protein kinase family and the AMPK subfamily. Ubiquitously expressed, QSK consists of one protein kinase domain and a UBA domain. QSK is activated by 14-3-3  $\zeta$  and utilizes magnesium as a cofactor. QSK exists as three alternatively spliced isoforms.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

### Molecular Weight:

~ 140 kDa

### Swiss-Prot:

Q9Y2K2

### Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1:500~1:1000 IHC:1:50~1:200

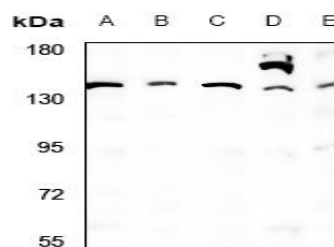
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -25 °C long term. Avoid freeze-thaw cycles.

### Specificity:

QSK polyclonal antibody detects endogenous levels of QSK protein.

### DATA:



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

LaneA:L02 whole cell lysate

LaneB:MCF-7 whole cell lysate

LaneC:A549 whole cell lysate

LaneD:CT-26 whole cell lysate

LaneE:PC12 whole cell lysate

### 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