# RIOK3 polyclonal antibody

Catalog: BS5950 Host: Rabbit Reactivity: Human,Mouse,Rat

## 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. SUDD, also known as RIOK3 (RIO kinase 3), is a 519 amino acid protein that contains one protein kinase domain and belongs to the Ser/Thr protein kinase family. Expressed in a variety of tissues, SUDD catayzes the ATP-dependent phosphorylation of target proteins, thereby influencing signaling events throughout the cell. SUDD is expressed as two isoforms due to alternative splicing events.

## Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

## Molecular Weight:

~ 59 kDa

## Swiss-Prot:

O14730

## 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

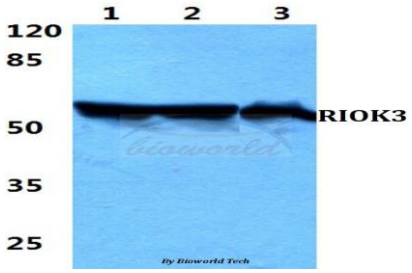
## Storage&Stability:

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

## Specificity:

RIOK3 polyclonal antibody detects endogenous levels of RIOK3 protein.

## DATA:




Western blot (WB) analysis of RIOK3 polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:Raw264.7 cell lysate

Lane3:H9C2 cell lysate

## Note:

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

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