

## MAPKAPK-3 (R319) polyclonal antibody

Catalog: BS2075

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The MAPKAP kinases (for MAP kinase activated protein kinases) are a group of MAP kinase substrates which are themselves kinases. In response to activation, the MAP kinases phosphorylate downstream components on a consensus Pro-X-Ser/Thr-Pro motif. Several kinases that contain this motif have been identified and serve as substrates for the ERK and p38 MAP kinases. These include the serine/threonine kinases Rsk-1 (also designated MAPKAP kinase-1), Rsk-2 and Rsk-3, which are phosphorylated by ERK 1 and ERK 2. Similarly, p38 phosphorylates and activates the serine/threonine kinases MAPKAPK-2 and MAPKAPK-3 (also designated 3pK). The serine/threonine kinases Mnk1 and Mnk2 are substrates for both ERK and p38 MAP kinases

### Product:

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

### Molecular Weight:

~ 42 kDa

### Swiss-Prot:

Q16644

### 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

IF: 1:50~1:200

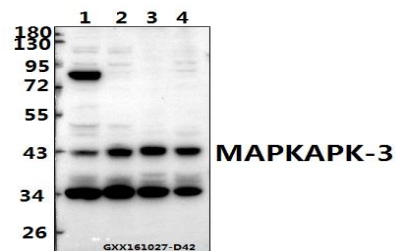
### Storage&Stability:

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

### Specificity:

MAPKAPK-3 (R319) polyclonal antibody detects endogenous levels of MAPKAPK-3 protein.

### DATA:



Western blot (WB) analysis of MAPKAPK-3 (R319) polyclonal antibody at 1:500 dilution

Lane1:A2780 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:PC12 whole cell lysate(40ug)

Lane4:3T3-L1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of MAPKAPK-3 (R319) pAb in paraffin-embedded human skeletal muscle tissue.

### 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