

MAPK13 polyclonal antibody

Catalog: BS60613

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Lipopolysaccharide has been shown to induce tyrosine phosphorylation of a unique protein, which is designated p38. p38 is a member of the MAP kinase family with features most closely resembling those of the Saccharomyces cerevisiae protein Hog1. p38 and Hog1 share a TGY phosphorylation sequence, whereas most other MAP kinase family proteins have a TEY sequence. A related protein, p38b, has been shown to phosphorylate ATF-2 at a 20-fold higher rate than p38, suggesting distinct substrate preferences. Stress activated protein kinase-4, or SAPK4, also designated p38d, is a related protein that is phosphorylated by MKK6 in response to cytokines and cellular stresses.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 42 kDa

Swiss-Prot:

O15264

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

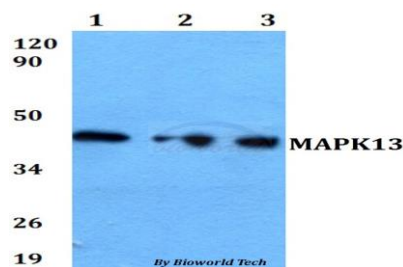
Storage&Stability:

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

Specificity:

MAPK13 polyclonal antibody detects endogenous levels of MAPK13 protein.

DATA:



Western blot (WB) analysis of MAPK13 polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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

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