

## ASK1 (phospho-S966) polyclonal antibody

Catalog: BS4014

Host: Rabbit

Reactivity: Human

### BackGround:

Mitogen-activated protein (MAP) kinase cascades are activated by various extracellular stimuli including growth factors. The MEK kinases (also called MAP kinase kinases) phosphorylate and activate the MAP kinases, including ERK, JNK and p38. The MEK kinases characterized to date include Raf-1, Raf-B, MOS, MEK kinase-1, MEK kinase-2, MEK kinase-3, MEK kinase-4 and ASK 1 (also designated MEK kinase-5). MEK kinase-1 has been shown to phosphorylate MEK-1 via a Raf-independent pathway. Evidence suggests that MEK-3 is preferentially activated by MEK kinase-3 and that MEK-4 is activated by both MEK kinase-2 and MEK kinase-3. MEK kinase-4 has been shown to specifically activate the JNK pathway. ASK 1 activates both MEK-4 and MEK-3/MEK-6 pathways.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 155 kDa

### Swiss-Prot:

Q99683

### 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

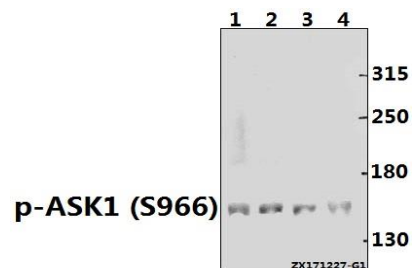
### Storage&Stability:

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

### Specificity:

p-ASK1 (S966) polyclonal antibody detects endogenous levels of ASK1 protein only when phosphorylated at Ser966.

### DATA:



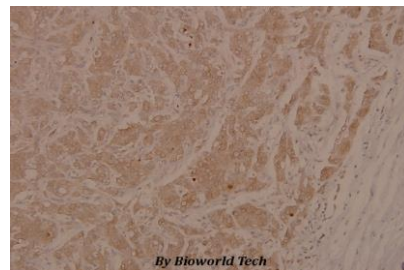
Western blot (WB) analysis of p-ASK1 (S966) pAb at 1:500 dilution

Lane1:H1792 whole cell lysate(40ug)

Lane2:K562 whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-ASK1 (S966) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

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

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