

## CASP9 (phospho-S144) polyclonal antibody

Catalog: BS64250

Host: Rabbit

Reactivity: Human

### BackGround:

Caspase-9 (ICE-LAP6, Mch6) is an important member of the cysteine aspartic acid protease (caspase) family. Upon apoptotic stimulation, cytochrome c released from mitochondria associates with the 47 kDa procaspase-9/Apaf-1. Apaf-1 mediated activation of caspase-9 involves intrinsic proteolytic processing resulting in cleavage at Asp315 and producing a p35 subunit. Another cleavage occurs at Asp330 producing a p37 subunit that can serve to amplify the apoptotic response. Cleaved caspase-9 further processes other caspase members, including caspase-3 and caspase-7, to initiate a caspase cascade, which leads to apoptosis.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 47 kDa

### Swiss-Prot:

P55211

### 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

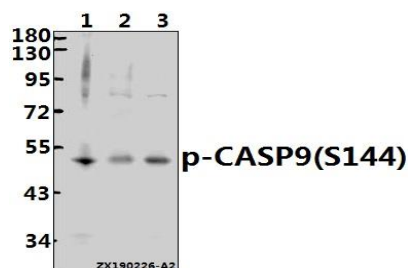
### Storage&Stability:

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

### Specificity:

CASP9(Phospho-S144) polyclonal antibody detects endogenous levels of CASP9 protein only when phosphorylated at Ser144.

### DATA:



Western blot (WB) analysis of CASP9(Phospho-S144) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

Lane3:A375 whole cell lysate(40ug)

### Note:

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

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