

## Caspase 9 (A149) polyclonal antibody

Catalog: BS1830

Host: Rabbit

Reactivity: Human

### BackGround:

Caspase 9 (also known as ICE like apoptotic protease 6 (ICE LAP6), apoptotic protease Mch6, and apoptotic protease activating factor 3 (Apaf3)) is a member of the peptidase family C14 that contains a CARD domain. This caspase is active as a heterotetramer and has been reported to have two isoforms. ProCaspase 9 has been reported to be approximately 47 kD. This caspase is present in the cytosol and, upon activation, translocates to the mitochondria. Caspase 9 is involved in the caspase activation cascade responsible for apoptosis execution and cleaves/activates Caspase 3 and Caspase 6.

### Product:

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

### Molecular Weight:

~ 35,48 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

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

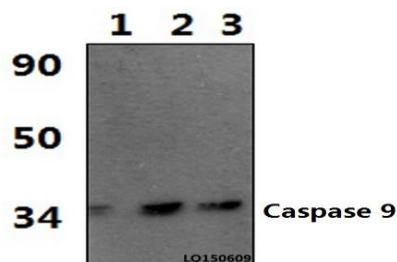
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Caspase 9 (A149) polyclonal antibody detects endoge-

nous levels of Caspase 9 protein.

### DATA:

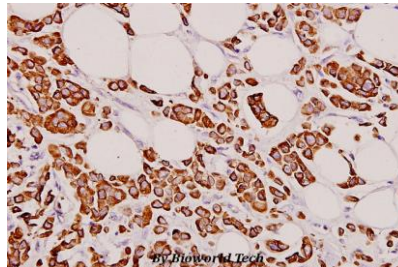


Western blot (WB) analysis of Caspase 9 (A149) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:Hela treated with H2O2 (100nmol/ml, 25min, Na3O4V) whole cell lysate (40ug)

Lane3:Hela treated with H2O2 (100nmol/ml, 25min, λ-ppase) whole cell lysate (40ug)



Immunohistochemistry (IHC) analyzes of Caspase 9 (A149) 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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