

## CASP7 polyclonal antibody

Catalog: BS3532

Host: Rabbit

Reactivity: Human

### BackGround:

Caspase-7 (CMH-1, Mch3, ICE-LAP3) has been identified as a major contributor to the execution of apoptosis (1-4). Caspase-7, like caspase-3, is an effector caspase that is responsible for cleaving downstream substrates such as (ADP-ribose) polymerase and PARP . During apoptosis, caspase-7 is activated through proteolytic processing by upstream caspases at Asp23, Asp198, and Asp206 to produce the mature subunits . Similar to caspase-2 and -3, caspase-7 preferentially cleaves substrates following the recognition sequence DEVD .

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

### Molecular Weight:

~ 35 kDa

### Swiss-Prot:

P55210

### 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

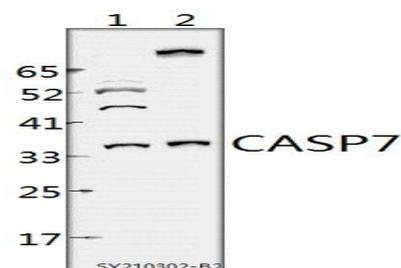
### Storage&Stability:

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

### Specificity:

CASP7 polyclonal antibody detects endogenous levels of CASP7 protein.

### DATA:



Western blot (WB) analysis of CASP7 polyclonal antibody at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:SGC7901 whole cell lysate(40ug)

### Note:

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

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