

## Caspase-3 (Phospho-S150) polyclonal antibody

Catalog: AP0249

Host: Rabbit

Reactivity: Human

### BackGround:

Caspase-3 (CPP-32, Apopain, Yama, SCA-1) is a critical executioner of apoptosis, as it is either partially or totally responsible for the proteolytic cleavage of many key proteins, such as the nuclear enzyme poly (ADP-ribose) polymerase (PARP). Activation of caspase-3 requires proteolytic processing of its inactive zymogen into activated p17 and p12 fragments. Cleavage of caspase-3 requires the aspartic acid residue at the P1 position.

### Product:

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

### Molecular Weight:

~ 33 kDa

### Swiss-Prot:

P42574

### 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: 1:1000~1:2000

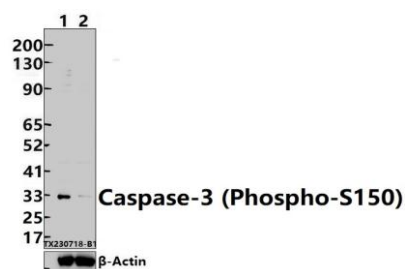
### Storage&Stability:

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

### Specificity:

Caspase-3 (Phospho-S150) polyclonal antibody detects endogenous levels of Caspase-3 protein only when phosphorylated at Ser150.

### DATA:



Western blot (WB) analysis of Caspase-3 (Phospho-S150) polyclonal antibody at 1:1000 dilution

Lane1: Jurkat whole cell lysate(30ug)

Lane2: Jurkat treated with  $\lambda$ -phosphatase whole cell lysate(30ug)

### Note:

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

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