

## Caspase 10 polyclonal antibody

Catalog: BS5642

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Four isoforms of caspase 10 (caspase 10a, 10b, 10c, and 10d) having the same prodomain but different mature large and small subdomain, have been described. Caspase 10 contains two death domains (DED) involved in linking to the death effector domain of the adapter protein FADD and recruiting the complex to TNFR1 and Fas. The inactive procaspase 10 is variably expressed in many tissues and cell lines as a cytosolic protein. The mature form of caspase 10 comprises two subunits, p23/p17 (splice isoforms) and p12. Interestingly, a caspase 9- dependent processing of caspase 10 by caspase 6 in cell-free extracts has recently been suggested. Caspase 10 can cleave and activate caspases 3, 4, 6, 7, 8, and 9. This is followed by cleavage of numerous key proteins, including the nuclear protein PARP.

### Product:

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

### Molecular Weight:

~ 59 kDa

### Swiss-Prot:

Q92851

### 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

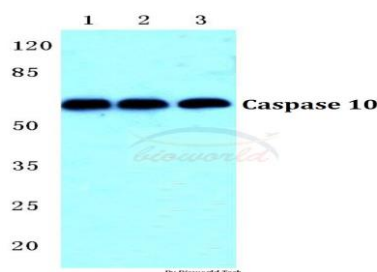
### Storage&Stability:

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

### Specificity:

Caspase 10 polyclonal antibody detects endogenous levels of Caspase 10 protein.

### DATA:



Western blot (WB) analysis of Caspase 10 polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate

Lane2: NIH-3T3 cell lysate

Lane3: H9C2 cell lysate

### Note:

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

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