

## Caspase 5 p10 polyclonal antibody

Catalog: BS5645

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Caspase-5 (also designated ICERel-III, TY, ICH-3 and caspase-12 in mouse), can cleave its own precursor, an activity that requires the cysteine 245 residue. Frameshift mutations in caspase-5 have been identified in MMP tumors of the endometrium, colon, and stomach, indicating the caspase-5 may be a new target gene in the microsatellite mutator pathway for cancer. The human caspase 5 gene maps to chromosome 11q22.2-q22.3 and encodes a protein whose expression is barely detectable in most tissues except brain, with highest expression levels being found in lung, liver and skeletal muscle.

### Product:

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

### Molecular Weight:

~ 10, 48 kDa

### Swiss-Prot:

P51878

### 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

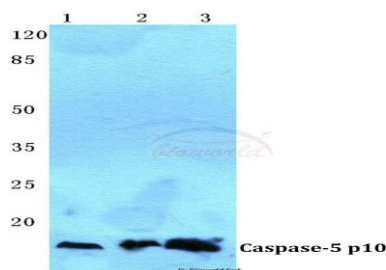
### Storage&Stability:

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

### Specificity:

Caspase 5 p10 polyclonal antibody recognizes endogenous levels of total caspase-5 protein and the p10 subunit of mature caspase-5.

### DATA:



Western blot (WB) analysis of Caspase 5 p10 polyclonal antibody at 1:500 dilution

Lane1: Jurkat cell lysate

Lane2: Mouse liver tissue lysate

Lane3: Rat liver tissue lysate

### Note:

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

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