

Caspase 5 p20 (D121) polyclonal antibody

Catalog: BCP00339

Host: Rabbit

Reactivity: Human

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:

~ 20, 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

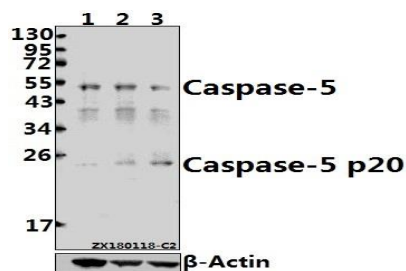
Storage&Stability:

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

Specificity:

Caspase-5 p20 (D121) polyclonal antibody detects endogenous levels of the large subunit of active caspase-5 resulting from cleavage at Asp121.

DATA:



Western blot (WB) analysis of Caspase-5 p20 (D121) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:HEK293T treated with UV for 5 minutes then repair for 16 hours whole cell lysate(40ug)

Lane3:HEK293T treated with UV for 5 minutes then repair for 24 hours whole cell lysate(40ug)

Note:

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