

AP00012PU-N**Polyclonal Antibody to Caspase-5 - Aff - Purified****Alternate names:**

CASP-5, CASP5, ICE(rel)-III, ICH-3 protease, ICH3, TY protease

Quantity:

0.1 mg

Concentration:

0.2 mg/ml

Background:

Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Caspase-5 is also known as Ich-3 and ICERel-III and can proteolytically processed by granzyme B. Over expression of caspase-5 induces apoptosis in Rat-1 and HeLa cells, which can be inhibited by CrmA and Bcl-2.

Uniprot ID:[P51878](#)**NCBI:**[NP_001129581.1](#)**GeneID:**[838](#)**Host:**

Rabbit

Immunogen:

Synthetic peptide surrounding amino acids 162 of human caspase-5

Format:**State:** Liquid purified Ig**Purification:** Immunoaffinity purified**Buffer System:** PBS, pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal**Applications:**

Western Blot: 0.5-4 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

The affinity purified antibody preferentially detects the intermediate (32 kDa) and the fully (20 kDa) cleaved caspase-5.

Species: Human, Mouse, Rat, Monkey, Rabbit, Bovine, Hamster.

Other species not tested.

Add. Information:

Blocking peptide (AP00012CP-N) is available separately.

Storage:

Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.