

AP00012CP-N**Caspase-5 Control Peptide****Alternate names:**

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

Quantity:

50 µg

Concentration:

0.2 mg/ml

Background:

Caspase 5 belongs to the Ced3/ICE family of cystein proteases and is an upstream Caspase with a long prodomain. It undergoes a cleavage upon activation, leading to p20 and p10 subunits which have high homology with several other Caspases over the equivalent coding sequences.

Uniprot ID:[P51878](#)**NCBI:**[NP_001129581.1](#)**GeneID:**[838](#)**Format:****State:** Liquid peptide**Buffer System:** PBS, pH 7.2, containing 0.1% BSA and 0.02% thimerosal**Applications:**

Western blot: It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C.

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

Specificity:

Control peptide for antibody AP00012PU-N only.

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.