

## OriGene Technologies, Inc.

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## 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: <u>NP\_001129581.1</u>

GenelD: <u>838</u>

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.