

AP00076CP-N**Caspase-6 Control Peptide****Alternate names:**

Apoptotic protease Mch-2, CASP-6, CASP6, MCH-2, MCH2

Quantity:

50 µg

Concentration:

0.2 mg/ml

Background:

Caspase 6 is involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins. Overexpression promotes programmed cell death. Caspase 3 and Caspase 6 are the major active caspases in apoptotic cells, and are activated in response to distinct apoptosis inducing stimuli and in all cell lines analyzed. Both Caspase 3 and 6 are present in apoptotic cells as multiple active species. Caspase 6 cleaves nuclear mitotic apparatus protein (NuMA) and mediates the shrinkage and fragmentation of nuclei.

Uniprot ID:[P55212](#)**NCBI:**[NP_001217.2](#)**GeneID:**[839](#)**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:

ontrol peptide for AP00076PU-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.