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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:	<u>P55212</u>
NCBI:	<u>NP_001217.2</u>
GenelD:	<u>839</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:	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.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.