

AP00010CP-N**Caspase-2 Control Peptide****Alternate names:**

CASP-2, CASP2, ICH-1 protease, ICH1, NEDD2, Neural precursor cell expressed developmentally down-regulated protein 2

Quantity:

50 µg

Concentration:

0.2 mg/ml

Background:

Caspase 2 has a positive and a negative role in the regulation of the apoptotic process. Overexpression of the full length Caspase 2 (Nedd2/Ich1) mRNA in some cell types results in apoptosis, whereas overexpression of an alternative Caspase 2 splice variant suppresses apoptosis induced by serum withdrawal. Caspase 2 may be activated in vitro by Caspase 1, Caspase 3 and the neutral serine protease granzyme B which is stored in the specialized lytic granules of cytotoxic lymphocytes.

Uniprot ID:

[P42575](#)

NCBI:

[NP_001215.1](#)

GeneID:

[835](#)

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 AP00010PU-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.