



## Affinity-Purified Rabbit Anti-phospho-Caspase 6 (S257) Antibody

Specificity: Mouse phospho-Caspase 6 (S257)	Size: 0.1 mg
Source: Rabbit	IgG Type: rabbit IgG

**Background:**

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. Activation is suppressed by phosphorylation at Ser-257. Heterodimer of a 18 kDa (p18) and a 11 kDa (p11) subunit.

**Other Name:** Apoptotic protease Mch-2

**Specificity:**

Mouse: Positive

**Application :** For western blot analysis, an antibody concentration of 1 µg/ml is recommended

ELISA	Positive
Western blotting	Positive 1 mg/ml
Immunohistochemistry	Positive
Immunoprecipitation	Positive
Flow cytometry	Positive

**Isotype:** Rabbit IgG

**Description:** This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding the phospho sites.

**Storage:** Upon reconstitution, maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C to -70°C. Lyophilized samples are stable for twelve months from the date of receipt when stored at -20°C to -70°C

**Format:** Purified rabbit monoclonal antibody supplied in PBS with 0.02% (W/V) sodium azide. This antibody is first purified by protein G affinity chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low salt and neutralized immediately, followed by dialysis against PBS.

**Precautions:** This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**References:**

1. [Esumi H.](#); "Regulation of caspase-6 and FLIP by the AMPK family member ARK5."; [Oncogene 23:7067-7075\(2004\)](#).
2. [Alnemri E.S.](#); "The Ced-3/interleukin 1beta converting enzyme-like homolog Mch6 and the lamin-cleaving enzyme Mch2alpha are substrates for the apoptotic mediator CPP32."; [J. Biol. Chem. 271:27099-27106\(1996\)](#).
3. [Alnemri E.S.](#); "Mch2, a new member of the apoptotic Ced-3/Ice cysteine protease gene family."; [Cancer Res. 55:2737-2742\(1995\)](#).