

AP00054PU-N**Polyclonal Antibody to Caspase-6 (active) - Aff - Purified**

Alternate names:	Apoptotic protease Mch-2, CASP-6, CASP6, MCH-2, MCH2
Quantity:	0.1 mg
Concentration:	0.5 mg/ml
Background:	Caspase family of cysteine proteases has been shown to play a key role in apoptosis. Similar to other caspases, caspase-6 is also synthesized as an inactive pro-enzyme that is processed in cells undergoing apoptosis. Together with caspase-3, caspase-6 is one of the major caspases in apoptotic cells, and functions downstream of apoptosis inhibitors Bcl-2 and Bcl-xL. Caspase-6 has also been shown involving in the proteolysis of poly (ADP-ribose) polymerase (PARP) and nuclear lamin A.
Uniprot ID:	P55212
NCBI:	NP_001217.2
GeneID:	839
Host:	Rabbit
Immunogen:	Synthetic peptide surrounding amino acids mapping to the Cterminus of the large fragment of human caspase-6.
Format:	State: Liquid purified Ig Purification: Affinity purified Buffer System: PBS, pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal
Applications:	Western Blot: 0.5-4 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody detects the large subunit (18 kDa) of the active caspase-6. The antibody does not recognize other caspases. Species: Human, Mouse, Rat. Other species not tested.
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.