
Product name:	pro Caspase 7 (1002) Rabbit Monoclonal Antibody
Cat number:	MABN16509
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human pro Caspase-7
Reactivity:	Human
Applications:	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200
Molecular Weight:	34kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Belongs to the peptidase C14A family. Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp--Gly-217' bond. Overexpression promotes programmed cell death. Involved in the activation cascade of caspases responsible for apoptosis execution (PubMed:8521391, PubMed:8576161, PubMed:8567622, PubMed:9070923, PubMed:11701129). Cleaves and activates sterol regulatory element binding proteins (SREBPs) (PubMed:8521391, PubMed:8576161, PubMed:8567622, PubMed:9070923). Proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp- -Gly-217' bond. Overexpression promotes programmed cell death (PubMed:8521391, PubMed:8576161, PubMed:8567622, PubMed:9070923). Cleaves phospholipid scramblase proteins XKR4, XKR8 and XKR9 (By similarity).