

Product datasheet for TA301617

Caspase-7 (CASP7) Mouse Monoclonal Antibody

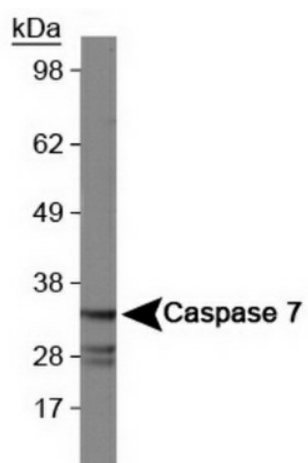
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommend Dilution:	WB: 1:500-1: 1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Full-length recombinant human Caspase 7 protein
Formulation:	Ascitic fluid and 0.1% sodium azide
Purification:	Ascites
Gene Name:	caspase 7
Database Link:	NP_203125 Entrez Gene 12369 MouseEntrez Gene 64026 RatEntrez Gene 840 Human
Background:	Caspases are cysteine proteases, expressed as inactive precursors, that mediate apoptosis by proteolysis of specific substrates. Caspases have the ability to cleave after aspartic acid residues. There are two classes of caspases involved in apoptosis; initiators (activation by receptor cluster) and effectors (activation by mitochondrial permeability transition). Proapoptotic signals autocatalytically activate initiator caspases, such as Caspase-8 and Caspase-9. Activated initiator caspases then process effector caspases, such as Caspase-3 and Caspase-7, which in turn cause cell collapse.
Synonyms:	CASP-7; CMH-1; ICE-LAP3; LICE2; MCH3
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Alzheimer's disease, Apoptosis



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Product images:



Western Blot: Caspase 7 Antibody (Mch3 1-1-11)
TA301617 - HeLa whole cell lysate.