

Apoptosis activated endonucleases

Ion dependence			Mg ⁺⁺		Ca ⁺⁺ Mg ⁺⁺		cation independent				
pH dependence			neutral		neutral		acid				
DNA cleavage			3'OH 5'P		3'OH 5'P		3'P 5'OH				
DNase	CAD	GAAD	EndoG	Ape-1	Nuc18	Nuc58	Nuc97	Nuc260	DNase II α	DNase II β	L-DNaseII
Inhibitor	ICAD	IGADD									
Activation mode	cleavage of inhibitor		release from mitochondon	DNA breaks	ND	ND	ND	ND	apoptotic bodies	ND	cleavage precursor (LEI)
Activating enzyme	cas-pase 3	gran-zymeA									serine proteases
Tissue distribution	ubiq.	CTL, NK		ubiq	thymocytes	rat hepatoma	ubiq.	thymocytes	ubiq.	Sal. glands lens	ubiq.
References	11,17 74,76	18,19	20	21	22,23	24	25	26	63-65, 71, 72 74-76	79	29, 85