

产品名称: CASP3 Mouse Monoclonal Antibody
产品货号: AMM81443



产品概述 (Summary)

产品名称 (Production Name)	CASP3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CASP3
别名 (Alternative Names)	CPP32; SCA-1; CPP32B
基因 ID (Gene ID)	836.0
蛋白 ID (SwissProt ID)	P42574.Purified recombinant fragment of human CASP3 (AA: 29-175) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	31.6kDa

研究背景 (Background)

This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential

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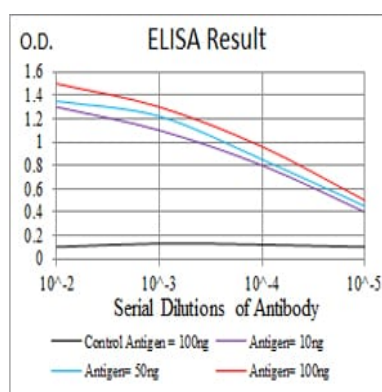


activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein.

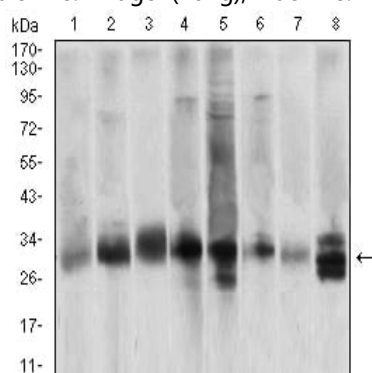
研究领域 (Research Area)

Apoptosis, MAPK signaling pathway

图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using CASP3 mouse mAb against HeLa (1), Jurkat (2), HepG2 (3), BCL-1 (4), C6 (5), SK-Br-3 (6), NIH/3T3 (7) and A549 (8) cell lysate.

注意事项 (Note)

For research use only .