

产品名称: Caspase-6 Rabbit Polyclonal Antibody
产品货号: APRab07978



产品概述 (Summary)

产品名称 (Production Name)	Caspase-6 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CASP6
别名 (Alternative Names)	CASP6; MCH2; Caspase-6; CASP-6; Apoptotic protease Mch-2
基因 ID (Gene ID)	839.0
蛋白 ID (SwissProt ID)	P55212.The antiserum was produced against synthesized peptide derived from human Caspase 6. AA range:223-272

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	35kDa

研究背景 (Background)

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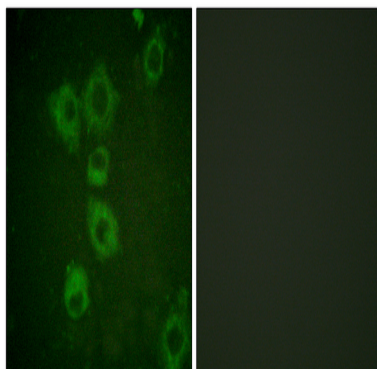


This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Oct 2015], catalytic activity: Strict requirement for Asp at position P1 and has a preferred cleavage sequence of Val-Glu-His-Asp-|-., enzyme regulation: Activation is suppressed by phosphorylation at Ser-257., function: Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins. Overexpression promotes programmed cell death., PTM: Cleavages by caspase-3, caspase-8 or -10 generate the two active subunits., similarity: Belongs to the peptidase C14A family., subunit: Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 18 kDa (p18) and a 11 kDa (p11) subunit.,

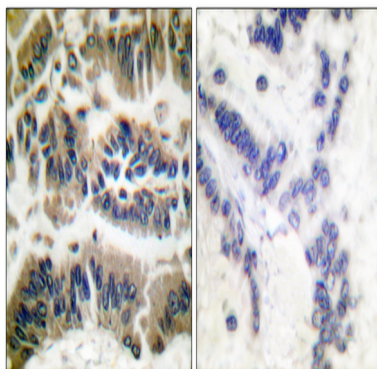
研究领域 (Research Area)

Apoptosis_Inhibition; Apoptosis_Mitochondrial; Apoptosis_Overview;

图片 (Image Data)



Immunofluorescence analysis of HUVEC cells, using Caspase 6 Antibody. The picture on the right is blocked with the synthesized peptide.

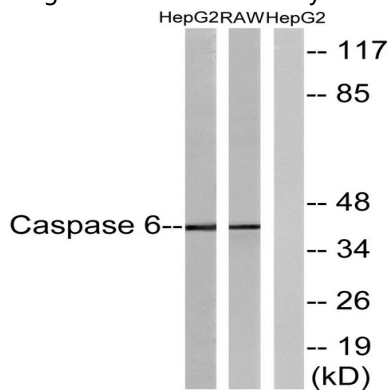


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Caspase 6 Antibody. The

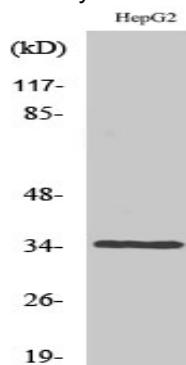
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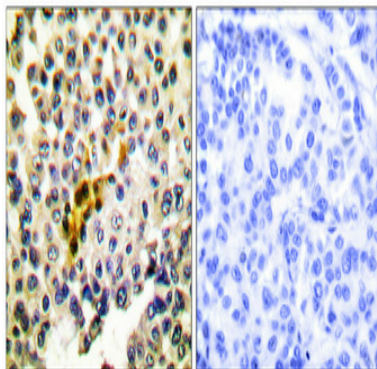
picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 and RAW264.7 cells, using Caspase 6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Caspase-6 Polyclonal Antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°, overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only.