

产品名称: HSP10 Rabbit Polyclonal Antibody
产品货号: APRab12237



产品概述 (Summary)

产品名称 (Production Name)	HSP10 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)	HSPE1
别名 (Alternative Names)	HSPE1; 10 kDa heat shock protein; mitochondrial; Hsp10; 10 kDa chaperonin; Chaperonin 10; CPN10; Early-pregnancy factor; EPF
基因 ID (Gene ID)	3336.0
蛋白 ID (SwissProt ID)	P61604.The antiserum was produced against synthesized peptide derived from human HSP10. AA range:51-100

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	10kDa

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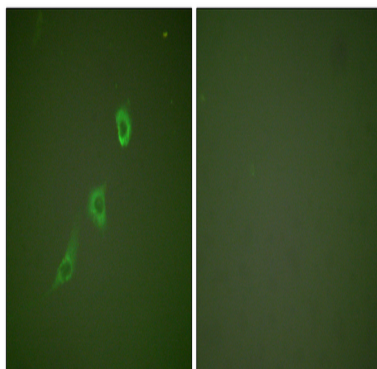
研究背景 (Background)

This gene encodes a major heat shock protein which functions as a chaperonin. Its structure consists of a heptameric ring which binds to another heat shock protein in order to form a symmetric, functional heterodimer which enhances protein folding in an ATP-dependent manner. This gene and its co-chaperonin, HSPD1, are arranged in a head-to-head orientation on chromosome 2. Naturally occurring read-through transcription occurs between this locus and the neighboring locus MOBKL3.[provided by RefSeq, Feb 2011],function:Eukaryotic CPN10 homolog which is essential for mitochondrial protein biogenesis, together with CPN60. Binds to CPN60 in the presence of Mg-ATP and suppresses the ATPase activity of the latter.,induction:By stress.,mass spectrometry: PubMed:7912672,similarity:Belongs to the groES chaperonin family.,subunit:Homohexamer.,

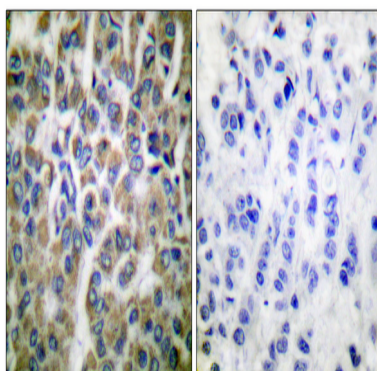
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)

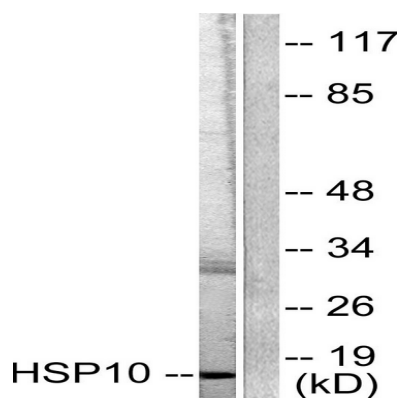


Immunofluorescence analysis of NIH/3T3 cells, using HSP10 Antibody. The picture on the right is blocked with the synthesized peptide.

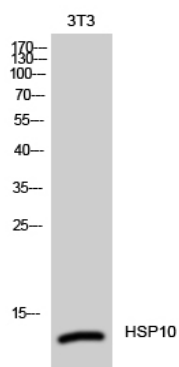


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using HSP10 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from NIH/3T3 cells, using HSP10 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using HSP10 Polyclonal Antibody

注意事项 (Note)

For research use only .