

产品名称: HSP β 2 Rabbit Polyclonal Antibody
产品货号: APRab12235



产品概述 (Summary)

产品名称 (Production Name)	HSP β 2 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)	HSPB2
别名 (Alternative Names)	HSPB2; Heat shock protein beta-2; HspB2; DMPK-binding protein; MKBP
基因 ID (Gene ID)	3316.0
蛋白 ID (SwissProt ID)	Q16082.The antiserum was produced against synthesized peptide derived from human HSPB2. AA range:121-170

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 1:20000-1:40000
蛋白分子量 (Molecular Weight)	24kDa

研究背景 (Background)

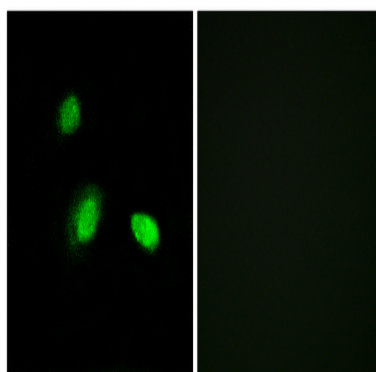
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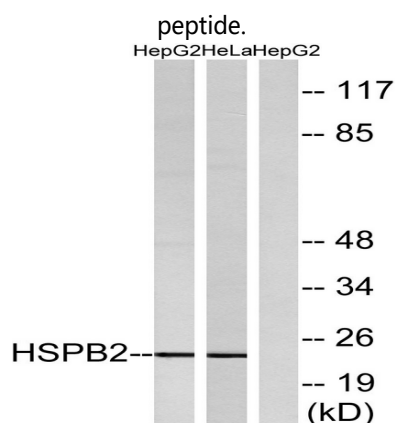
The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function. [provided by RefSeq, Dec 2012],similarity:Belongs to the small heat shock protein (HSP20) family.,subunit:Associates specifically with myotonic dystrophy protein kinase (DMPK).,tissue specificity:Expressed preferentially in skeletal muscle and heart but not in the lens.,

研究领域 (Research Area)

图片 (Image Data)

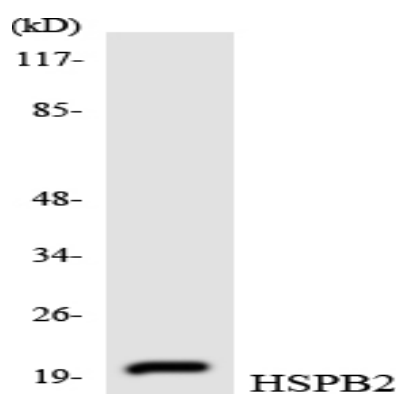


Immunofluorescence analysis of A549 cells, using HSPB2 Antibody. The picture on the right is blocked with the synthesized



Western blot analysis of lysates from HepG2 and HeLa cells, using HSPB2 Antibody. The lane on the right is blocked with the synthesized peptide.

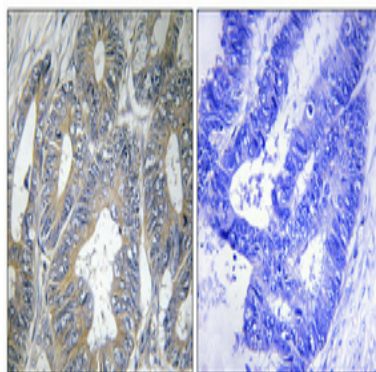
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Western blot analysis of the lysates from HeLa cells using HSPB2 antibody.



Western Blot analysis of various cells using HSP β 2 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human colon cancer. Antibody was diluted at 1:100 (4 $^{\circ}$, 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 .