

产品名称: HSP40 Rabbit Polyclonal Antibody
产品货号: AP Rab12245



产品概述 (Summary)

产品名称 (Production Name)	HSP40 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)	DNAJB1 DNAJB1; DNAJ1; HDJ1; HSPF1; DnaJ homolog subfamily B member 1; DnaJ protein homolog 1; Heat shock 40 kDa protein 1; HSP40; Heat shock protein 40; Human DnaJ protein 1; hDj-1
别名 (Alternative Names)	
基因 ID (Gene ID)	3337.0
蛋白 ID (SwissProt ID)	P25685.The antiserum was produced against synthesized peptide derived from human HSP40. AA range:271-320

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)	45kDa

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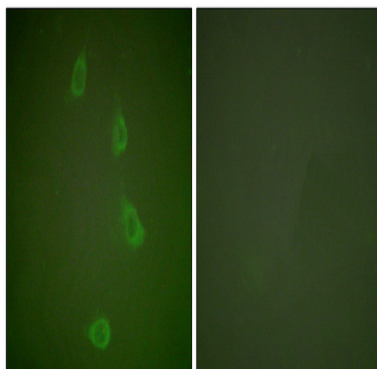
研究背景 (Background)

This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DnaJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain'; and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015],function:Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP.,induction:By heat shock.,similarity:Contains 1 J domain.,subcellular location:Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock.,subunit:Interacts with DNAJC3.,

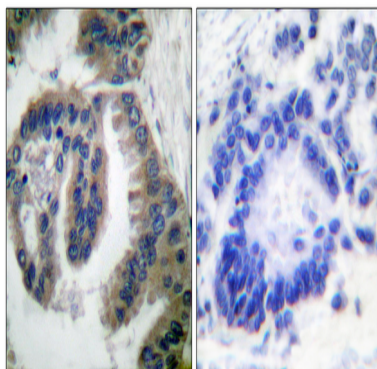
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Immunofluorescence analysis of NIH/3T3 cells, using HSP40 Antibody. The picture on the right is blocked with the synthesized peptide.

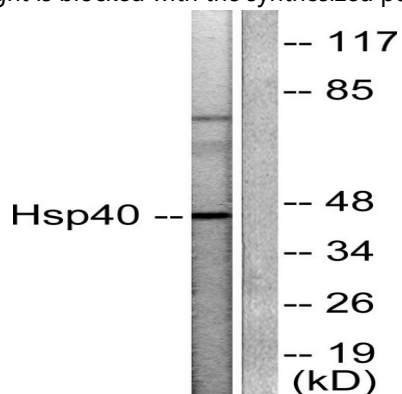


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using HSP40 Antibody. The picture on

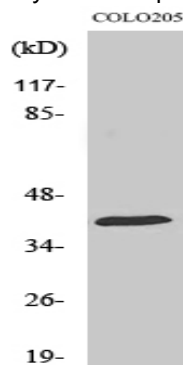
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the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO205 cells, using HSP40 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HSP40 Polyclonal Antibody

注意事项 (Note)

For research use only .