

产品名称: FAST-1/2 Rabbit Polyclonal Antibody
产品货号: APRab10841



产品概述 (Summary)

产品名称 (Production Name)	FAST-1/2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse

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)	FOXH1
别名 (Alternative Names)	FOXH1; FAST1; FAST2; Forkhead box protein H1; Forkhead activin signal transducer 1; Fast-1; hFAST-1; Forkhead activin signal transducer 2; Fast-2
基因 ID (Gene ID)	8928.0
蛋白 ID (SwissProt ID)	O75593. The antiserum was produced against synthesized peptide derived from human FOXH1. AA range: 10-59

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	40kDa

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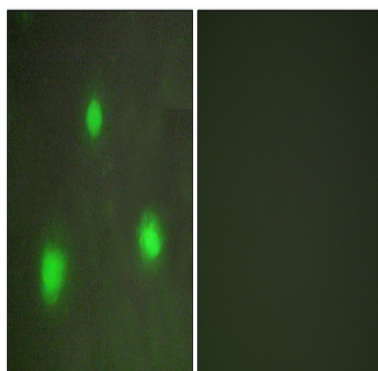


研究背景 (Background)

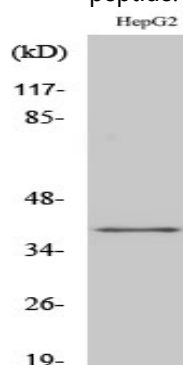
FOXH1 encodes a human homolog of Xenopus forkhead activin signal transducer-1. FOXH1 protein binds SMAD2 and activates an activin response element via binding the DNA motif TGT(G/T)(T/G)ATT. [provided by RefSeq, Jul 2008],domain:The FM region is required for binding smad2/sm4 complexes. FM2 is more effective than FM1 and only interacts with phosphorylated smad2 that is in an activated smad complex.,function:Transcriptional activator. Recognizes and binds to the DNA sequence 5'-TGT[GT][GT]ATT-3'. Required for induction of the goosecoid (GSC) promoter by TGF-beta or activin signaling. Forms a transcriptionally active complex containing FOXH1/SMAD2/SMAD4 on a site on the GSC promoter called TARE (TGF-beta/activin response element),similarity:Contains 1 fork-head DNA-binding domain.,subunit:Interacts with the MH2 domains of SMAD2 and SMAD3,tissue specificity:Ubiquitous.,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using FOXH1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using FAST-1/2 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

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注意事项 (Note)

For research use only .