

产品名称: IFI-16 Rabbit Polyclonal Antibody

产品货号: APRab12372

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ELISA
种属反应(Reactivity)	Human,Rat,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
分子量(Molecular Weight)	88kDa

抗原信息(Antigen Information)

基因名(Gene Name)	IFI16
别名(Alternative Names)	IFI16; IFNGIP1; Gamma-interferon-inducible protein 16; Ifi-16; Interferon-inducible myeloid differentiation transcriptional activator
基因 ID(Gene ID)	3428.0
SwissProt ID	Q16666
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human IFI16. AA range:731-780

研究背景 (Background)

This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigens with 200 amino acid

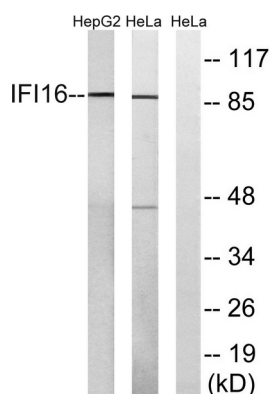
repeats) family of cytokines. The encoded protein contains domains involved in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localizes to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 function, and inhibits cell growth in the Ras/Raf signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2011],function:May function as a transcriptional repressor. Could have a role in the regulation of hematopoietic differentiation through activation of unknown target genes. Controls cellular proliferation by modulating the functions of cell cycle regulatory factors including p53/TP53 and the retinoblastoma protein. May be involved in the senescence of prostate epithelial cells.,induction:Strongly induced by gamma interferon and, to a lesser extent, by alpha interferon. In HL-60 cells, maximum induction by gamma-interferon occurs within 12 hours whereas, for alpha-interferon, only 10-fold induction was observed after 36 hours. Induced in vitro by dimethylsulfoxide, retinoic acid and 1,25 dihydroxyvitamin D3.,PTM:Isoform 3 seems to show a minor degree of complex carbohydrate addition.,PTM:Phosphorylated on Ser and Thr.,sequence caution:Intron retention.,similarity:Belongs to the HIN-200 family.,similarity:Contains 1 DAPIN domain.,similarity:Contains 2 HIN-200 domains.,subunit:Isoform 1, isoform 2 and isoform 3 can homo- and hetero-dimerize. Binds double-stranded DNA and cell cycle regulatory factors including p53 and the retinoblastoma protein.,tissue specificity:Expressed in peripheral blood leukocytes, fibroblasts and lymphoid cells. Present in myeloid precursors (CD34+) and throughout monocyte development, but its expression is down-regulated in erythroid and polymorphonuclear precursor cells. Present in prostate, ovary and breast (at protein level),

研究领域 (Research Area)

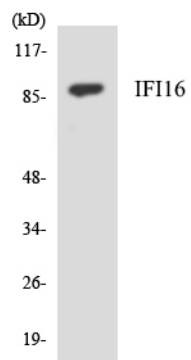
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of lysates from HeLa and HepG2 cells, using IFI16 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using IFI16 antibody.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>