

产品名称: IRF-2 Rabbit Polyclonal Antibody
产品货号: APRab12739



产品概述 (Summary)

产品名称 (Production Name)	IRF-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)	IRF2
别名 (Alternative Names)	IRF2; Interferon regulatory factor 2; IRF-2
基因 ID (Gene ID)	3660.0
蛋白 ID (SwissProt ID)	P14316.The antiserum was produced against synthesized peptide derived from human IRF2. AA range:101-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	47kDa

研究背景 (Background)

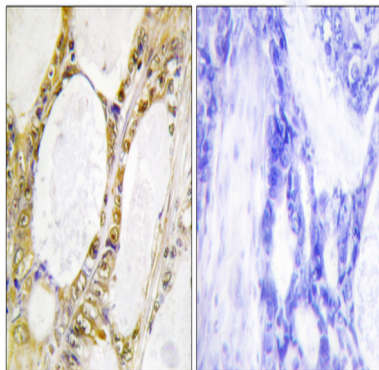
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IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. [provided by RefSeq, Jul 2008],function:Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and represses those genes. Also acts as an activator for several genes including H4 and IL7. Constitutively binds to the ISRE promoter to activate IL7. Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth. Antagonizes IRF1 transcriptional activation.,induction:By viruses and IFN.,PTM:Acetylated by CBP/ p300 during cell-growth. Acetylation on Lys-75 is required for stimulation of H4 promoter activity.,PTM:The major sites of sumoylation are Lys-137 and Lys-293. Sumoylation by SUMO1 increases its transcriptional repressor activity on IRF1 and diminishes its ability to activate ISRE and H4 promoter.,similarity:Belongs to the IRF family.,similarity:Contains 1 tryptophan pentad repeat DNA-binding domain.,subunit:Interacts with BRD7, IRF2BP1 and IRF2BP2. Interacts with CREBBP in growing cells; the interaction acetylates IRF2 and regulates IRF2-dependent H4 promoter activity.,tissue specificity:Expressed throughout the epithelium of the colon. Also expressed in lamina propria.,

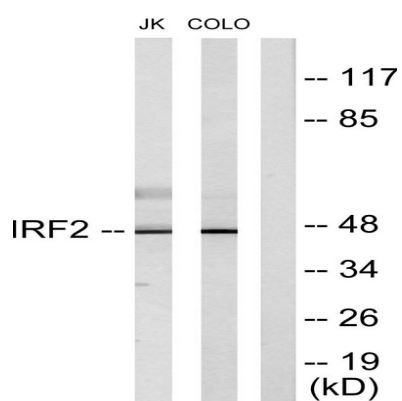
研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using IRF2 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from Jurkat and COLO205 cells, using IRF2 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .