

产品名称: IRF-1 Rabbit Polyclonal Antibody
产品货号: APRab12737



产品概述 (Summary)

产品名称 (Production Name)	IRF-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,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)	IRF1
别名 (Alternative Names)	IRF1; Interferon regulatory factor 1; IRF-1
基因 ID (Gene ID)	3659.0
蛋白 ID (SwissProt ID)	P10914.The antiserum was produced against synthesized peptide derived from the Internal region of human IRF1. AA range:91-140

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	36kDa

研究背景 (Background)

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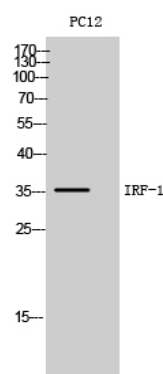


IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression. [provided by RefSeq, Jul 2008],disease:Deletion or rearrangement of IRF1 are a cause of preleukemic myelodysplastic syndrome (MDS) and of acute myelogenous leukemia (AML),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 activates those genes. Acts as a tumor suppressor.,induction:By viruses and IFN.,PTM:Sumoylation represses the transcriptional activity and displays enhanced resistance to protein degradation. Inactivates the tumor suppressor activity. Elevated levels in tumor cells. Major site is Lys-275. Sumoylation is enhanced by PIAS3 (By similarity). Desumoylated by SENP1 in tumor cells and appears to compete with ubiquitination on C-terminal sites.,PTM:Ubiquitinated. Appears to compete with sumoylation on C-terminal sites.,similarity:Belongs to the IRF family.,similarity:Contains 1 tryptophan pentad repeat DNA-binding domain.,

研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western Blot analysis of PC12 cells using IRF-1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Invitbotech,MN,USA) .

注意事项 (Note)

For research use only .