

产品名称: IFN- γ Rabbit Polyclonal Antibody
产品货号: APRab12403



产品概述 (Summary)

产品名称 (Production Name)	IFN- γ 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,Rat,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)	IFNG
别名 (Alternative Names)	IFNG; Interferon gamma; IFN-gamma; Immune interferon
基因 ID (Gene ID)	3458.0
蛋白 ID (SwissProt ID)	P01579.The antiserum was produced against synthesized peptide derived from human IFN-gamma. AA range:20-69

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 1:20000-1:40000
蛋白分子量 (Molecular Weight)	17kDa

研究背景 (Background)

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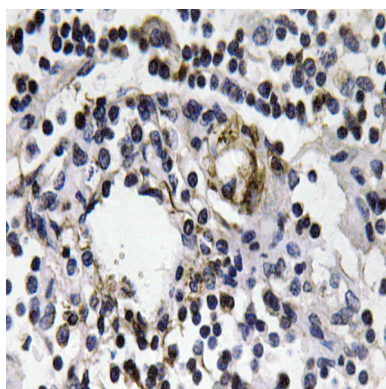


This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015],disease:In Caucasians, genetic variation in IFNG is associated with the risk of aplastic anemia (AA) [MIM:609135]. AA is a rare disease in which the reduction of the circulating blood cells results from damage to the stem cell pool in bone marrow. In most patients, the stem cell lesion is caused by an autoimmune attack. T-lymphocytes, activated by an endogenous or exogenous, and most often unknown antigenic stimulus, secrete cytokines, including IFN-gamma, which would in turn be able to suppress hematopoiesis.,function:Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.,online information:Interferon gamma entry,pharmaceutical:Available under the name Actimmune (Genentech). Used for reducing the frequency and severity of serious infections associated with chronic granulomatous disease (CGD).,PTM:Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.,similarity:Belongs to the type II (or gamma) interferon family.,subunit:Homodimer.,tissue specificity:Released primarily from activated T lymphocytes.,

研究领域 (Research Area)

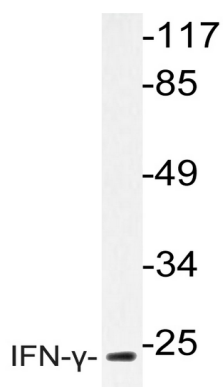
Proteasome;Cytokine-cytokine receptor interaction;Regulation of autophagy;TGF-beta;Jak_STAT;Natural killer cell mediated cytotoxicity;T_Cell_Receptor;Type I diabetes mellitus;Systemic lupus erythematosus;Allograft rejection;Graft-versus-host disease;

图片 (Image Data)



Immunohistochemistry analysis of IFN- γ antibody in paraffin-embedded human lymph node tissue.

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Western blot analysis of lysate from HepG2 cells, using IFN- γ antibody.



Western Blot analysis of various cells using IFN- γ Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .