

产品名称: IFN- γ R α Rabbit Polyclonal Antibody
产品货号: APRab12404



产品概述 (Summary)

产品名称 (Production Name)	IFN- γ R α 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,Monkey

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)	IFNGR1
别名 (Alternative Names)	IFNGR1; Interferon gamma receptor 1; IFN-gamma receptor 1; IFN-gamma-R1; CDw119; CD antigen CD119
基因 ID (Gene ID)	3459.0
蛋白 ID (SwissProt ID)	P15260.The antiserum was produced against synthesized peptide derived from human Interferon-gamma Receptor alpha chain. AA range:431-480

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	83kDa

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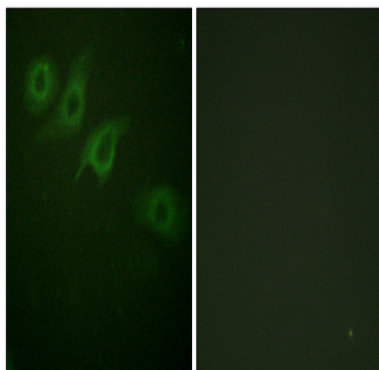
研究背景 (Background)

This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to *Helicobacter pylori* infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection. [provided by RefSeq, Jul 2008],disease:Defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease (MSMD) [MIM:209950]; also known as familial disseminated atypical mycobacterial infection. This rare condition confers predisposition to illness caused by moderately virulent mycobacterial species, such as *Bacillus Calmette-Guerin* (BCG) vaccine and environmental non-tuberculous mycobacteria, and by the more virulent *Mycobacterium tuberculosis*. Other microorganisms rarely cause severe clinical disease in individuals with susceptibility to mycobacterial infections, with the exception of *Salmonella* which infects less than 50% of these individuals. The pathogenic mechanism underlying MSMD is the impairment of interferon-gamma mediated immunity whose severity determines the clinical outcome. Some patients die of overwhelming mycobacterial disease with lepromatous-like lesions in early childhood, whereas others develop, later in life, disseminated but curable infections with tuberculoid granulomas. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance.,function:Receptor for interferon gamma. Two receptors bind one interferon gamma dimer.,online information:IFNGR1 mutation db,polymorphism:A genetic variation in the IFNGR1 gene is associated with susceptibility to *Helicobacter pylori* infection [MIM:600263].,PTM:Phosphorylated at Ser/Thr residues.,similarity:Belongs to the type II cytokine receptor family.,similarity:Contains 2 fibronectin type-III domains.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Monomer.,

研究领域 (Research Area)

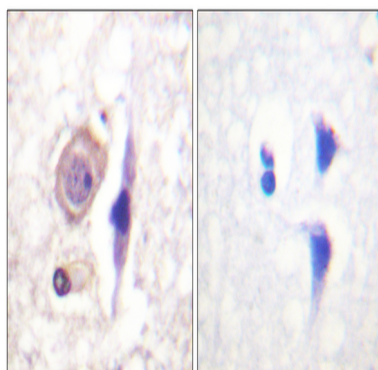
Cytokine-cytokine receptor interaction;Jak_STAT;Natural killer cell mediated cytotoxicity;

图片 (Image Data)

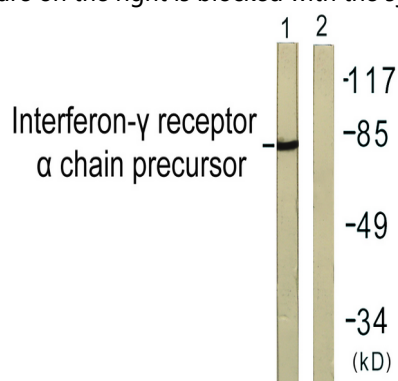


Immunofluorescence analysis of HepG2 cells, using Interferon-gamma Receptor alpha chain Antibody. The picture on the right is blocked with the synthesized peptide.

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Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Interferon-gamma Receptor alpha chain Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using Interferon-gamma Receptor alpha chain Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .