

产品名称: IFN- γ R α (phospho Tyr457) Rabbit Polyclonal Antibody
产品货号: APRab04814



产品概述 (Summary)

产品名称 (Production Name)	IFN- γ R α (phospho Tyr457) 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)	Phosphorylated
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 around the phosphorylation site of Tyr457. 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 1:10000-1:20000
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蛋白分子量 (Molecular Weight) 83kDa

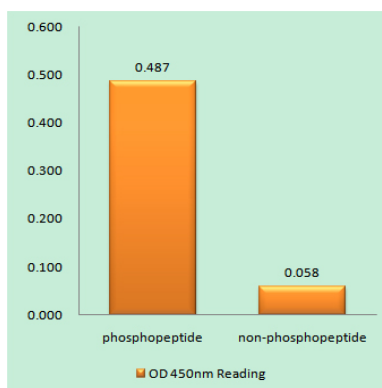
研究背景 (Background)

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)

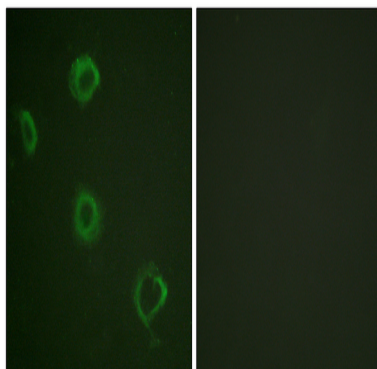


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-

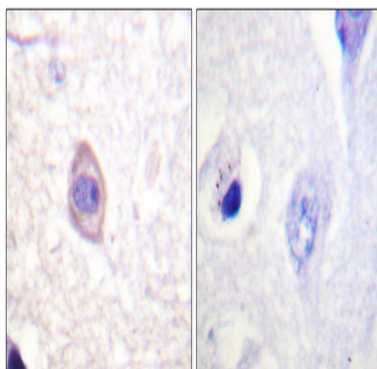
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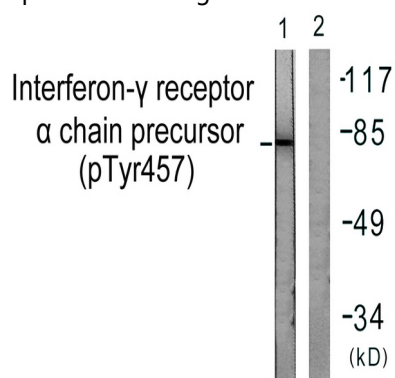
Phosphopeptide (Phospho-right) , using Interferon-gamma Receptor alpha (Phospho-Tyr457) Antibody



Immunofluorescence analysis of A549 cells, using Interferon-gamma Receptor alpha (Phospho-Tyr457) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using Interferon-gamma Receptor alpha (Phospho-Tyr457) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells, using Interferon-gamma Receptor alpha (Phospho-Tyr457) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .