

产品名称: IL-13R α 1 (phospho Tyr405) Rabbit Polyclonal Antibody
产品货号: APRab04835



产品概述 (Summary)

产品名称 (Production Name)	IL-13R α 1 (phospho Tyr405) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, 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)	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)	IL13RA1
别名 (Alternative Names)	IL13RA1; IL13R; IL13RA; Interleukin-13 receptor subunit alpha-1; IL-13 receptor subunit alpha-1; IL-13R subunit alpha-1; IL-13R-alpha-1; IL-13RA1; Cancer/testis antigen 19; CT19; CD antigen CD213a1
基因 ID (Gene ID)	3597.0
蛋白 ID (SwissProt ID)	P78552. The antiserum was produced against synthesized peptide derived from human IL-13R alpha1 around the phosphorylation site of Tyr405. AA range: 371-420

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稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	49kDa

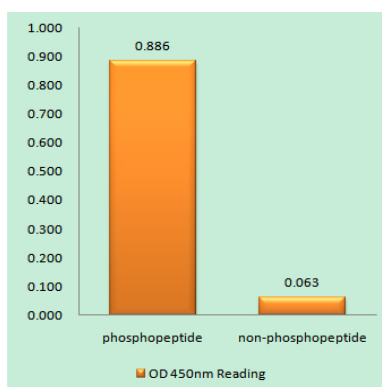
研究背景 (Background)

The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq, Jul 2008], domain: The box 1 motif is required for JAK interaction and/or activation., domain: The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding., function: Binds IL13 with a low affinity. Together with IL4R-alpha can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for IL4 signaling, but cannot replace the function of gamma C in allowing enhanced IL2 binding activity., similarity: Belongs to the type I cytokine receptor family. Type 5 subfamily., subunit: Interleukin 13 receptor is a complex of IL4R, IL13RA1, and possibly other components. Interacts with TRAF3IP1., tissue specificity: Ubiquitous. Highest levels in heart, liver, skeletal muscle and ovary; lowest levels in brain, lung and kidney. Also found in B-cells, T-cells and endothelial cells.,

研究领域 (Research Area)

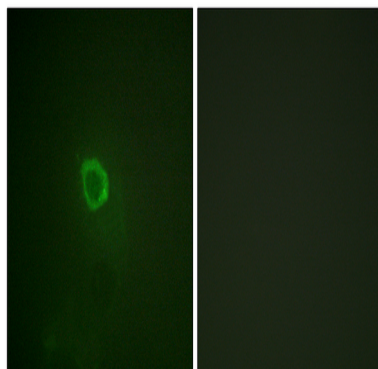
Cytokine-cytokine receptor interaction; Jak_STAT;

图片 (Image Data)

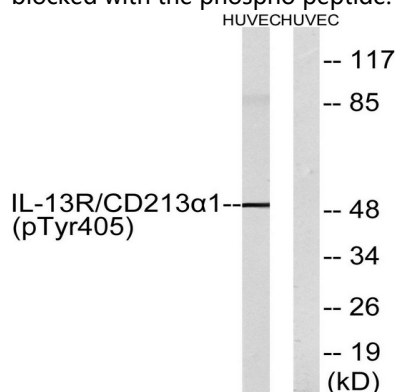


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IL-13R alpha1 (Phospho-Tyr405) Antibody

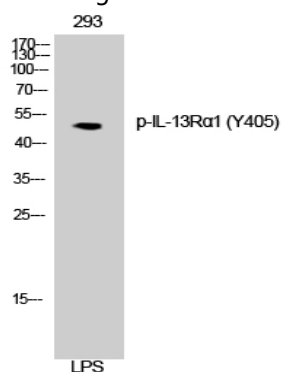
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Immunofluorescence analysis of HepG2 cells, using IL-13R α 1 (Phospho-Tyr405) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HUVEC cells treated with serum 20% 15', using IL-13R α 1 (Phospho-Tyr405) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of 3T3 cells using Phospho-IL-13R α 1 (Y405) Polyclonal Antibody

注意事项 (Note)

For research use only .