

产品名称: IL-11R α Rabbit Polyclonal Antibody
产品货号: APRab12489



产品概述 (Summary)

产品名称 (Production Name)	IL-11R α Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	IL11RA
别名 (Alternative Names)	IL11RA; Interleukin-11 receptor subunit alpha; IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; IL-11RA
基因 ID (Gene ID)	3590.0
蛋白 ID (SwissProt ID)	Q14626.Synthesized peptide derived from IL-11R α . at AA range: 300-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	45kDa

研究背景 (Background)

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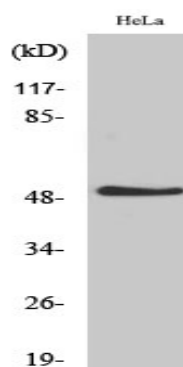


Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2012], disease: Increased levels of IL11R are found in prostate carcinoma., function: Receptor for interleukin-11. The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells., similarity: Belongs to the type I cytokine receptor family. Type 3 subfamily., similarity: Contains 1 Ig-like C2-type (immunoglobulin-like) domain., similarity: Contains 2 fibronectin type-III domains., subunit: On ligand binding, forms a multimer complex with IL6ST/gp130., tissue specificity: Expressed in a number of cell lines, including the myelogenous leukemia cell line K562, the megakaryocytic leukemia cell line Mo7E, the erythroleukemia cell line TF1, and the osteosarcoma cell lines, MG-63 and Saos-2. Also expressed in normal and malignant prostate epithelial cell lines.,

研究领域 (Research Area)

Cytokine-cytokine receptor interaction; Jak_STAT; Hematopoietic cell lineage;

图片 (Image Data)



Western Blot analysis of various cells using IL-11R α Polyclonal Antibody

注意事项 (Note)

For research use only .