产品名称：IL-2Rγ Rabbit Polyclonal Antibody
产品货号：APRab12549

产品概述（Summary）

产品名称（Production Name）	IL-2Rγ 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）	IL2RG
别名（Alternative Names）	IL2RG; Cytokine receptor common subunit gamma; Interleukin-2 receptor subunit gamma; IL-2 receptor subunit gamma; IL-2R subunit gamma; IL-2RG; gammaC; p64; CD132
基因 ID（Gene ID）	3561.0
蛋白 ID（SwissProt ID）	P31785.The antiserum was produced against synthesized peptide derived from the Internal region of human IL2RG. AA range:101-150

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）	40kDa

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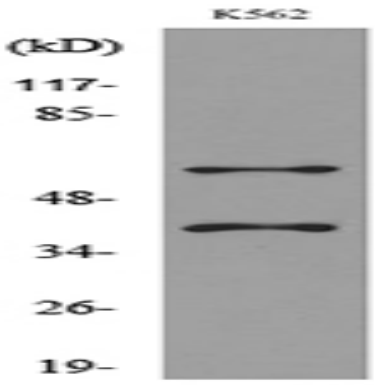
研究背景（Background）

The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder. [provided by RefSeq, Mar 2010],disease:Defects in IL2RG are the cause of X-linked combined immunodeficiency (XCID) [MIM:312863]. XCID is a less severe form of X-linked immunodeficiency with a less severe degree of deficiency in cellular and humoral immunity than that seen in XSCID.,disease:Defects in IL2RG are the cause of X-linked severe combined immunodeficiency (XSCID) [MIM:300400]; also known as agammaglobulinemia Swiss type. SCID refers to a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels. Patients with SCID present in infancy with recurrent, persistent infections by opportunistic organisms. The common characteristic of all types of SCID is absence of T-cell-mediated cellular immunity due to a defect in T-cell development.,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:Common subunit for the receptors for a variety of interleukins.,online information:X-linked SCID mutation database,similarity:Belongs to the type I cytokine receptor family. Type 5 subfamily.,similarity:Contains 1 fibronectin type-III domain.,subunit:The gamma chain is common to the IL2, IL4, IL7, IL21 and probably also the IL13 receptors. Interacts with SHB upon interleukin stimulation. Interacts with HTLV-1 accessory protein p12I.,

研究领域（Research Area）

Cytokine-cytokine receptor interaction;Endocytosis;Jak_STAT;Primary immunodeficiency;

图片（Image Data）



Western blot analysis of lysate from K562 cells, using IL2RG Antibody.

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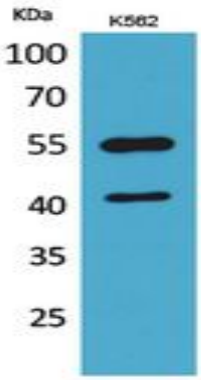

Western Blot analysis of K562 cells using IL-2Rγ Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

注意事项（Note）

For research use only .