# IL-2Rγ Polyclonal Antibody

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| **Catalog No** | YP-Ab-13728 |
| **Isotype** | IgG |
| **Reactivity** | Human;Rat;Mouse; |
| **Applications** | WB;ELISA |
| **Gene Name** | IL2RG |
| **Protein Name** | Cytokine receptor common subunit gamma |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from the Internal region of human IL2RG. AA range:101-150 |
| **Specificity** | IL-2Rγ Polyclonal Antibody detects endogenous levels of IL-2Rγ protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | 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 |
| **Observed Band** | 40kD |
| **Cell Pathway** | Cell membrane ; Single-pass type I membrane protein . Cell surface . |
| **Tissue Specificity** | B-cell,Liver,Peripheral blood, |
| **Function** | 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 inte |

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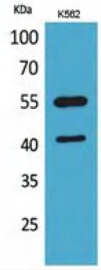
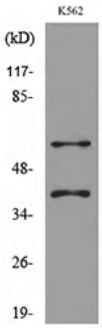
| **Background** | The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder. [provided by RefSeq, Mar 2010], |
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images




Western Blot analysis of K562 cells using IL-2Rγ Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000




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