

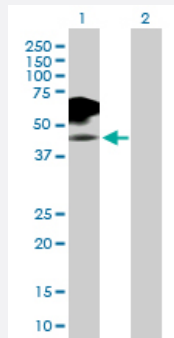
MaxPab®

# IL2RG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003561-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of IL2RG expression in transfected 293T cell line ([H00003561-T01](#)) by IL2RG MaxPab polyclonal antibody.

Lane 1: IL2RG transfected lysate(42.30 KDa).

Lane 2: Non-transfected lysate.

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human IL2RG protein.                                                                                                                                                                                                                                                                                                                    |
| Immunogen               | IL2RG (NP_000197.1, 1 a.a. ~ 369 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                |
| Sequence                | MLKPSLPFTSLLFLQLPLLGVGLNTTILTPNGNEDTTADFFLTMPDLSVSTLPLPEVQCFVFNV<br>EYMNCTWNSSSEPQPTNLTLYWYKNSDNDKVQKCSHYLFSEEITSGCQLQKKEIHLVQTFVVQL<br>QDPREPRRQATQMLKLQNLVIPWAPENLTCLKSESQLELNWNNRFLNHCLEHLVQYRTDWDHS<br>WTEQSVDYRHKFSLPSVDGQKRYTFRVRSRNFPLCGSAQHWSEWSHPHWSNNTSKENPFLFA<br>LEAVVISVGSMGLIISLLCVYFWLERTMPRIPTLKNLEDLVTEYHGNFSAWSGVSKGLAESLQPDYS<br>ERLCLVSEIPPKGGALGEGPGASPCNQHSPYWAPPCYTLKPET |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                           |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                         |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                               |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                        |

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[Protocol Download](#)

## Gene Info — IL2RG

Entrez GeneID [3561](#)

GeneBank Accession# [NM\\_000206.1](#)

Protein Accession# [NP\\_000197.1](#)

Gene Name IL2RG

Gene Alias CD132, IMD4, SCIDX, SCIDX1

Gene Description interleukin 2 receptor, gamma (severe combined immunodeficiency)

Omim ID [300400](#) [308380](#) [312863](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The interleukin 2 (IL2) receptor gamma chain (IL2RG), an important signalling component of many interleukin receptors (IL2,IL4,IL7,IL9, and IL15), is thus referred to as the common gamma chain. Mutations in this X-chromosome-linked gene cause X-linked severe combined immunodeficiency (XSCID). [provided by RefSeq]

**Other Designations** common cytokine receptor gamma chain|interleukin 2 receptor gamma chain|interleukin 2 receptor, gamma

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Jak-STAT signaling pathway](#)
- [Primary immunodeficiency](#)

## Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Immunologic Deficiency Syndromes](#)
- [Infant](#)
- [Lymphopenia](#)
- [Respiratory Syncytial Virus Infections](#)
- [Severe combined immunodeficiency](#)