

For Research Use Only

# IL-2RG Polyclonal antibody

Catalog Number: 11409-1-AP

2 Publications



## Basic Information

Catalog Number:

11409-1-AP

Concentration:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1911

GenBank Accession Number:

BC014972

GeneID (NCBI):

3561

UNIPROT ID:

P31785

Full Name:

interleukin 2 receptor, gamma  
(severe combined immunodeficiency)

Calculated MW:

369 aa, 42 kDa

Observed MW:

64-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : Jurkat cells, K-562 cells, Raji cells

## Background Information

The interleukin-2 receptor (IL-2R) is a heterotrimeric receptor consisting of three subunits, alpha (IL-2RA), beta (IL-2RB), and gamma (IL-2RG). IL-2RG, also known as CD132, 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 the gene of IL-2RG cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder.

## Notable Publications

Author	Pubmed ID	Journal	Application
Liangliang Bai	39954887	Int J Biol Macromol	WB
Yihui Zhai	39625860	Adv Sci (Weinh)	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

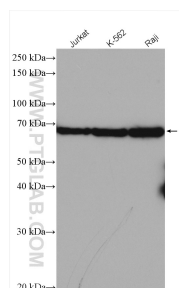
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11409-1-AP (IL2RG antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.