

For Research Use Only

# IL-2RG Polyclonal antibody

Catalog Number: 11409-1-AP

1 Publications



## Basic Information

### Catalog Number:

11409-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### 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

### 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
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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

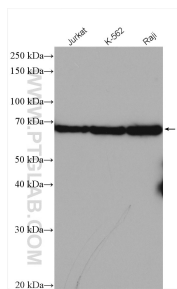
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## Selected Validation Data



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.