

For Research Use Only

IL-2RG Polyclonal antibody

Catalog Number: 27377-1-AP



Basic Information

Catalog Number: 27377-1-AP	GenBank Accession Number: BC014972	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 3561	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: P31785	
Isotype: IgG	Full Name: interleukin 2 receptor, gamma (severe combined immunodeficiency)	
Immunogen Catalog Number: AG26388	Calculated MW: 369 aa, 42 kDa	
	Observed MW: 64-70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: Jurkat cells, K-562 cells, Raji cells
Species Specificity: human	

Background Information

The interleukin-2 receptor (IL-2R) is a heterotrimeric receptor consisting of three subunits, alpha (IL2RA), beta (IL2RB), and gamma (IL2RG). IL2RG, 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 IL2RG cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency disorder.

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

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

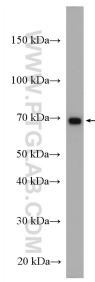
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 27377-1-AP (IL2RG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.