

For Research Use Only

# IL-27RA Polyclonal antibody

Catalog Number: 12308-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 12308-1-AP	<b>GenBank Accession Number:</b> BC028003	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 350 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9466	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6UWB1	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 27 receptor, alpha	
<b>Immunogen Catalog Number:</b> AG2956	<b>Calculated MW:</b> 636 aa, 69 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HL-60 cells, K-562 cells, TF-1 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> mouse	

## Background Information

IL-27RA, also known as T-cell cytokine receptor WSX-1 or TCCR, is a unique receptor subunit for the cytokine IL-27. It is expressed in a variety of cells including activated T cells, NK cells, mast cells, endothelial cells, activated B cells, monocytes, Langerhans cells, and activated dendritic cells (PMID: 18378322). The interaction with IL-27 leads to the phosphorylation of Jak and STAT proteins, which are crucial for the regulation of immune responses (PMID: 28536468). IL-27RA plays a significant role in immune cell activation and differentiation, particularly in the context of Th1 and Th17 cells (PMID: 38566992).

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhaoxing Dong	26776832	Life Sci	WB

## Storage

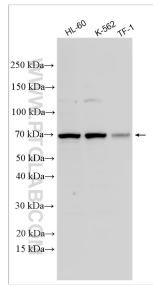
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.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 12308-1-AP (IL-27RA antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.