

For Research Use Only

IL-27RA Polyclonal antibody

Catalog Number: 12308-1-AP

1 Publications



Basic Information

Catalog Number:

12308-1-AP

Size:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2956

GenBank Accession Number:

BC028003

GeneID (NCBI):

9466

UNIPROT ID:

Q6UWB1

Full Name:

interleukin 27 receptor, alpha

Calculated MW:

636 aa, 69 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

mouse

Positive Controls:

WB : HL-60 cells, K-562 cells, TF-1 cells

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

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

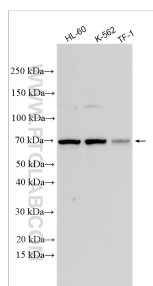
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 12308-1-AP (IL-27RA antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.