

For Research Use Only

# IL-27A p28 Polyclonal antibody

Catalog Number: 32596-1-AP



## Basic Information

Catalog Number:

32596-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0897

GenBank Accession Number:

GeneID (NCBI):

50498

UNIPROT ID:

O35228(IL27B)+Q8K3I6(IL27A)

Full Name:

interleukin 27

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : IL-27A Recombinant protein Eg5066, IL-27 Recombinant protein (Cat No.Eg0897)

## Background Information

IL-27, as a member of the IL-6/IL-12 family, is a heterodimeric cytokine composed of two subunits: p28 (IL-27a) and EBI3 (IL-27b). IL-27 acts on various cell types, including T cells, B cells, macrophages, dendritic cells, natural killer (NK) cells and non-hematopoietic cells. IL-27 plays a critical role in the early regulation of T helper type 1 initiation, and enhances proliferation of naive CD4<sup>+</sup>T cells and naive B cells. It, however, also exerts anti-inflammatory functions by inhibiting the development of Th17 cells and inducing IL-10 producing type 1 regulatory T cells. IL-27 is a potentially promising cytokine for therapeutic approaches on various human diseases.

## 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

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

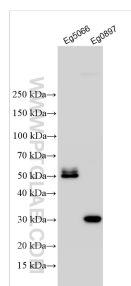
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Human IL-27 Recombinant protein (Cat No.Eg0897) and IL-27A Recombinant protein(Cat No. Eg5066) were subjected to SDS PAGE followed by western blot with 32596-1-AP(IL-27 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.