

# IL-27A Polyclonal antibody

Catalog Number: 24165-1-AP

## Basic Information

<b>Catalog Number:</b> 24165-1-AP	<b>GenBank Accession Number:</b> BC062422	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 800 ug/ml	<b>GeneID (NCBI):</b> 246778	<b>Recommended Dilutions:</b> IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NEV9	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 27	
<b>Immunogen Catalog Number:</b> AG21436	<b>Calculated MW:</b> 243 aa, 27 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human liver cancer tissue,
<b>Species Specificity:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

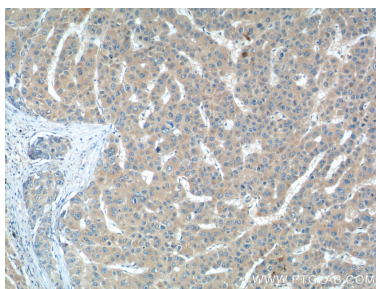
## Background Information

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.

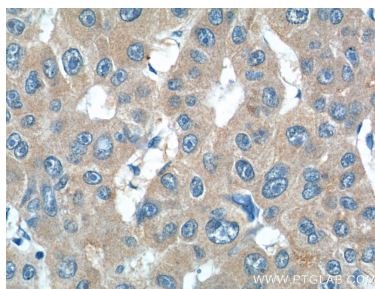
## Storage

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

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 24165-1-AP (IL-27 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 24165-1-AP (IL-27 antibody at dilution of 1:50 (under 40x lens).