

For Research Use Only

# IL-5 Polyclonal antibody

Catalog Number: 30416-1-AP



## Basic Information

<b>Catalog Number:</b> 30416-1-AP	<b>GenBank Accession Number:</b> BC066282	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3567	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P05113	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 5 (colony-stimulating factor, eosinophil)	
<b>Immunogen Catalog Number:</b> EG0380	<b>Calculated MW:</b> 134 aa, 15 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Recombinant protein,
<b>Species Specificity:</b> human	

## Background Information

Interleukin-5 (IL-5) is a pleiotropic cytokine primarily produced by activated T helper 2 (Th2) cells, mast cells, and group 2 innate lymphoid cells (ILC2s). It plays a critical role in the regulation of eosinophil proliferation, differentiation, and activation, making it a key mediator in allergic inflammation, parasitic infections, and certain autoimmune diseases.

## Storage

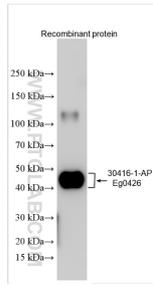
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: ptglab.com

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## Selected Validation Data



Human IL-5 Recombinant protein (Cat No. Eg2406) was subjected to SDS PAGE followed by western blot with 30416-1-AP (IL-5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.