

For Research Use Only

# IL-15 Polyclonal antibody

Catalog Number: 12962-1-AP



## Basic Information

**Catalog Number:**

12962-1-AP

**Size:**

150ul , Concentration: 220 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3650

**GenBank Accession Number:**

BC018149

**GeneID (NCBI):**

3600

**UNIPROT ID:**

P40933

**Full Name:**

interleukin 15

**Calculated MW:**

18 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

Interleukin 15 (IL15) is a cytokine important for the development, maturation, and function of many cells of the immune system including NK, NKT, gammadeltaT, and CD8(+) T cells. Its expression affects homeostasis and function of B cells through NK cell-derived IFNG. IL-15 binds a trimeric IL-15 receptor (IL-15R) complex formed by a specific receptor chain (IL-15Ra) combined with the beta chains of the IL-2R, acting as signal transducing components. High levels of IL15 expression have been associated with the pathogenesis of autoimmune and inflammatory diseases like Crohn's disease, psoriasis, leukemias, rheumatoid arthritis (RA) and graft rejection, resulting in the IL15 system being a target of interest for the treatment of these 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

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

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

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