

# IL-12 p70 Polyclonal antibody

Catalog Number: 30756-1-AP

## Basic Information

**Catalog Number:**

30756-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

**GeneID (NCBI):**

16160

**UNIPROT ID:**

P43432(IL12B);P43431(IL12A)

**Full Name:**

interleukin 12b

**Calculated MW:**

70 kDa

**Observed MW:**

70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

mouse

**Positive Controls:**

WB : Recombinant protein,

## Background Information

Interleukin-12 (IL-12), is a cytokine that is secreted by activated phagocytes and dendritic cells and that induces interferon- $\gamma$  production by natural-killer and T lymphocytes. IL-12 is a 75 kDa heterodimer composed of a 35 kDa subunit (IL-12A p35) and a 40 kDa subunit (IL-12B p40) that is secreted by a wide variety of antigen presenting cells (APCs), including phagocytes, B cells and Langerhans cells.

## Storage

**Storage:**

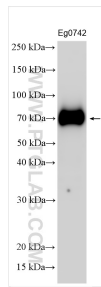
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Recombinant protein Eg0742 (IL-12 p70) was subjected to SDS PAGE followed by western blot with 30756-1-AP (IL12(IL12B+IL12A) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.