

**Product Name: IL-4 Rabbit Polyclonal Antibody****Catalog #: APRab00169**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 17 kDa; Observed MW: 14 kDa

**Antigen Information**

<b>Gene Name</b>	IL4
<b>Alternative Names</b>	IL4; Interleukin-4; IL-4; B-cell stimulatory factor 1; BSF-1; Binetrakin; Lymphocyte stimulatory factor 1; Pitrakinra
<b>Gene ID</b>	3565
<b>SwissProt ID</b>	P05112
<b>Immunogen</b>	A synthetic peptide of human IL4

**Background**

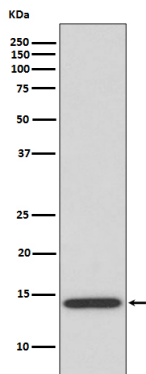
Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It

induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.

## Research Area

Immunology

## Image Data



Western blot analysis of IL-4 in Human tonsil lysates using IL-4 antibody.