

## IL-9R Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04521
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human IL9R. AA range:201-250
<b>Mol wt</b>	57147
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	IL-9R Antibody
<b>Synonyms</b>	IL9R; Interleukin-9 receptor; IL-9 receptor; IL-9R; CD129

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The interleukin 9 receptor encoded by IL9R is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene.

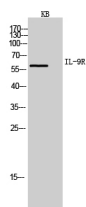
### Recommended Dilution

WB: 1: 500 - 1: 2000

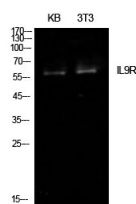
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western Blot analysis of KB cells using IL-9R Polyclonal Antibody. Secondary antibody was diluted at 1:20000



Western Blot analysis of KB, NIH-3T3 cells using IL-9R Polyclonal Antibody. Secondary antibody was diluted at 1:20000

## Storage

-20°C for one year

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