

## IL-4R polyclonal antibody

Catalog: BS65584

Host: Rabbit

Reactivity: Mouse, Rat,

### BackGround:

This gene encodes the alpha chain of the interleukin-4 receptor, a type I transmembrane protein that can bind interleukin4 and interleukin 13 to regulate IgE production. The encoded protein also can bind interleukin 4 to promote differentiation of Th2 cells. A soluble form of the encoded protein can be produced by an alternate splice variant or by proteolysis of the membrane-bound protein, and this soluble form can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. Allelic variations in this gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitis, asthma, or eczema. Two transcript variants encoding different isoforms, a membrane-bound and a soluble form, have been found for this gene. [provided by RefSeq, Jul 2008].

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

~140kDa

### Swiss-Prot:

Q63257

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

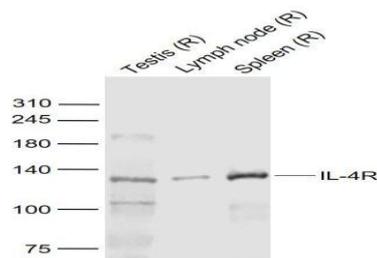
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

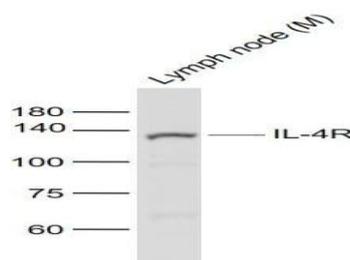
### Specificity:

IL-4R polyclonal Antibody detects endogenous levels of IL-4R protein.

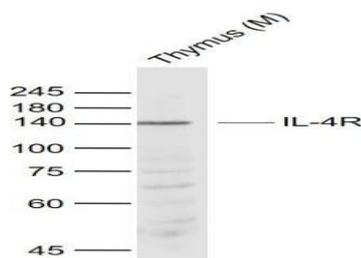
### DATA:



Anti- IL-4R at 1/1000 dilution



Anti- IL-4R at 1/1000 dilution



Anti- IL-4R at 1/1000 dilution

### Note:

For research use only, not for use in diagnostic procedure.

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