
IL-4R Rabbit pAb

Catalog Number: bs-23579R

Target Protein: IL-4R

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse, Rat

Predicted MW: 88 kDa

Entrez Gene: 25084

Swiss Prot: Q63257

Source: KLH conjugated synthetic peptide derived from rat IL-4R: 111-210/801.

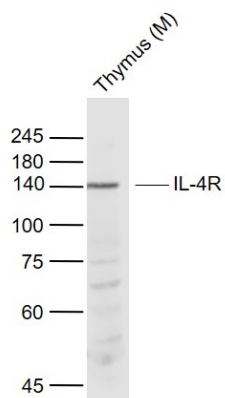
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

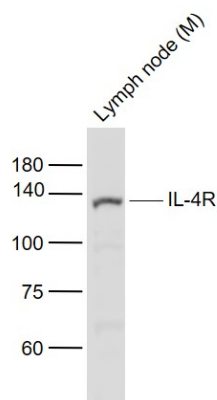
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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].

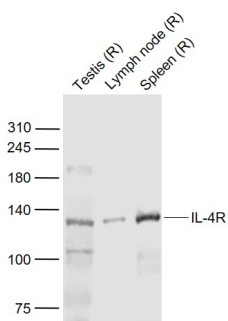
VALIDATION IMAGES



Sample: Lane 1: Thymus (Mouse) Lysate at 40 ug Primary: Anti- IL-4R (bs-23579R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140 kD Observed band size: 140 kD



Sample: Lane 1: Lymph node (Mouse) Lysate at 40 ug Primary: Anti- IL-4R (bs-23579R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140 kD Observed band size: 135 kD



Sample: Lane 1: Testis (Rat) Lysate at 40 ug Lane 2: Lymph node (Rat) Lysate at 40 ug Lane 3: Spleen (Rat) Lysate at 40 ug Primary: Anti- IL-4R (bs-23579R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 140 kD Observed band size: 135 kD