

## Rabbit anti-Human IL-4Ralpha Polyclonal Antibody | anti-IL-4Ralpha antibody

IL-4Ralpha Polyclonal Antibody

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA173807</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

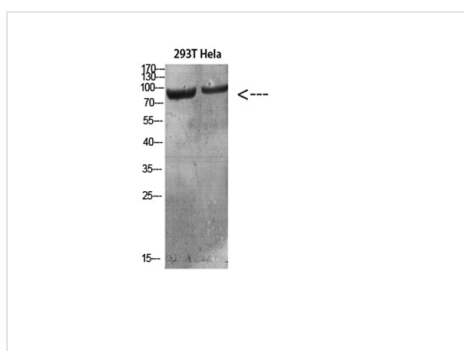
### PRODUCT SYNONYMS

IL-4Ralpha; Polyclonal Antibody; IL-4Ralpha Polyclonal Antibody; IL4R; IL4RA; 582J2.1; Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD124; anti-IL-4Ralpha antibody

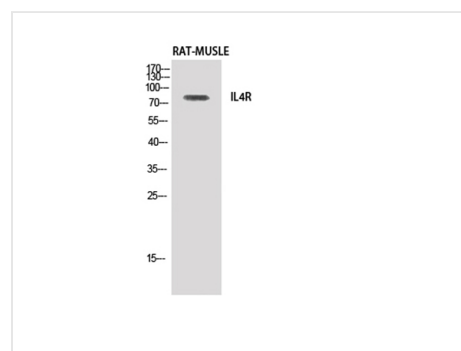
### PRODUCT SPECIFICATIONS

|                                                      |                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                    |
| Reactivity                                           | Human                                                                     |
| Clonality                                            | Polyclonal                                                                |
| Isotype                                              | IgG                                                                       |
| Purity/Purification                                  | Affinity Purification                                                     |
| Concentration                                        | 1mg/mL (varies by lot)                                                    |
| Sequence Length                                      | 825                                                                       |
| Applicable Applications for anti-IL-4Ralpha antibody | ELISA, WB (Western Blot)                                                  |
| Immunogen                                            | Synthesized peptide derived from the Internal region of human IL-4Ralpha. |
| Buffer                                               | PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4.            |
| Preparation and Storage                              | Store at -20 degree C. Avoid freeze / thaw cycles.                        |

### IMAGES


**WB (Western Blot)**

Western Blot analysis of various cells using IL-4Ralpha Polyclonal Antibody at dilution of 1:1000.


**WB (Western Blot)**

Western Blot analysis of Rat muscle using IL-4Ralpha Polyclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IL-4Ralpha antibody | Receptor for both interleukin 4 and interleukin 13. Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2.Soluble IL4R (sIL4R) inhibits IL4-mediated cell proliferation and IL5 up-regulation by T-cells. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557669                                                                                                                                                         |
| NCBI GeneID                      | 3566                                                                                                                                                            |
| NCBI Accession #                 | NP_000409.1                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000418.3                                                                                                                                                     |
| UniProt Accession #              | P24394; Q96P01; Q9H181; Q9H182; Q9H183; Q9H184; Q9H185; Q9H186; Q9H187; B4E076; B9EKU8; H3BSY5                                                                  |
| Molecular Weight                 | Calculated Molecular Weight: 91kDa<br>Observed Molecular Weight: 90kDa                                                                                          |
| NCBI Official Full Name          | interleukin-4 receptor subunit alpha isoform a                                                                                                                  |
| NCBI Official Synonym Full Names | interleukin 4 receptor                                                                                                                                          |
| NCBI Official Symbol             | IL4R                                                                                                                                                            |
| NCBI Official Synonym Symbols    | CD124; IL4RA; IL-4RA                                                                                                                                            |
| NCBI Protein Information         | interleukin-4 receptor subunit alpha                                                                                                                            |
| UniProt Protein Name             | Interleukin-4 receptor subunit alpha                                                                                                                            |
| UniProt Gene Name                | IL4R                                                                                                                                                            |
| UniProt Synonym Gene Names       | IL4RA; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; Soluble IL-4 receptor subunit alpha; Soluble IL-4R-alpha; sIL4Ralpha/prot; IL4-BP |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.