

IL-4Rα Polyclonal Antibody

Catalog # AP73895

Product Information

Application WB
Primary Accession P24394
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 89658

Additional Information

Gene ID 3566

Other Names IL4R; IL4RA; 582J2.1; Interleukin-4 receptor subunit alpha; IL-4 receptor

subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD124

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name IL4R

Synonyms IL4RA

Function Receptor for both interleukin 4 and interleukin 13 (PubMed: 17030238).

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.

Cellular Location Cell membrane; Single-pass type I membrane protein

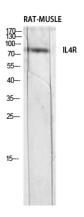
Tissue Location Isoform 1 and isoform 2 are highly expressed in activated T-cells

Background

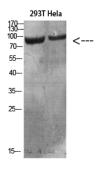
Receptor for both interleukin 4 and interleukin 13. Couples to the JAK1/2/3-STAT6 pathway. The IL4

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Images



Western blot analysis of RAT-MUSLE lysis using IL4R antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.