

IL-4Rα Polyclonal Antibody

Catalog # AP70520

Specification

IL-4Rα Polyclonal Antibody - Product Information

Application WB, IF Primary Accession P24394

Reactivity Human, Mouse Host Rabbit

Host Rabbit Clonality Polyclonal

IL-4Rα Polyclonal Antibody - 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; CD antigen CD124

Dilution

WB $\sim\sim$ Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IF~~1:50~200

Format

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

Storage Conditions

-20°C

IL-4Rα Polyclonal Antibody - 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



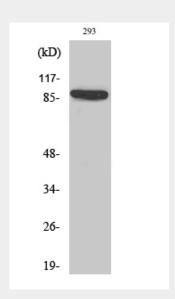
Isoform 1 and isoform 2 are highly expressed in activated T-cells

IL-4Rα Polyclonal Antibody - Protocols

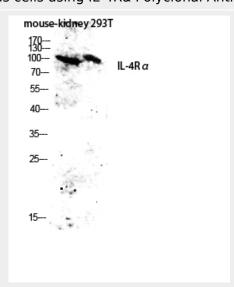
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

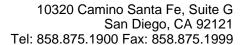
IL-4Rα Polyclonal Antibody - Images



Western Blot analysis of various cells using IL-4Ra Polyclonal Antibody diluted at 1□2000



Western blot analysis of mouse-kidney 293T lysis using IL-4R α antibody. Antibody was diluted at





1:2000

IL-4Rα Polyclonal Antibody - Background

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