

# Anti-CD124 Antibody

Rabbit polyclonal antibody to CD124  
Catalog # AP60325

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB                     |
| <b>Primary Accession</b> | <a href="#">P24394</a> |
| <b>Other Accession</b>   | <a href="#">P16382</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 89658                  |

## Additional Information

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|---------------------------|--|
| <b>Gene ID</b>            | 3566   |
| <b>Other Names</b>        | IL4RA; Interleukin-4 receptor subunit alpha; IL-4 receptor subunit alpha; IL-4R subunit alpha; IL-4R-alpha; IL-4RA; CD124            |
| <b>Target/Specificity</b> | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD124. The exact sequence is proprietary. |
| <b>Dilution</b>           | WB--WB (1/500 - 1/1000)  |
| <b>Format</b>             | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.                      |
| <b>Storage</b>            | Store at -20 °C. Stable for 12 months from date of receipt   |

## Protein Information

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|--------------------------|---|
| <b>Name</b>              | IL4R  |
| <b>Synonyms</b>          | IL4RA   |
| <b>Function</b>          | Receptor for both interleukin 4 and interleukin 13 (PubMed: <a href="#">17030238</a> ). 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. |
| <b>Cellular Location</b> | Cell membrane; Single-pass type I membrane protein  |
| <b>Tissue Location</b>   | Isoform 1 and isoform 2 are highly expressed in activated T-cells   |

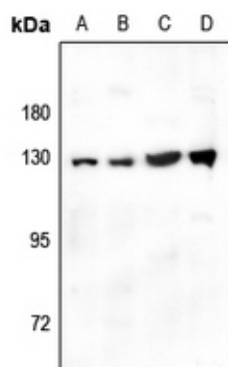
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD124. The exact sequence is proprietary.

## Images

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Western blot analysis of CD124 expression in K562 (A), MCF7 (B), SP20 (C), PC12 (D) whole cell lysates.

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