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# IL-4Rα (phospho Tyr497) Polyclonal Antibody
**Catalog # AP67492**

## Specification

### IL-4Rα (phospho Tyr497) Polyclonal Antibody - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | P24394 |
| Reactivity | **Human, Mouse** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |

### IL-4Rα (phospho Tyr497) 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~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. 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℃

### IL-4Rα (phospho Tyr497) Polyclonal Antibody - Protein Information

**Name** IL4R

**Synonyms** IL4RA

**Function**
Receptor for both interleukin 4 and interleukin 13 (PubMed:<a href="http://www.uniprot.org/citations/17030238" target="_blank">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.

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

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

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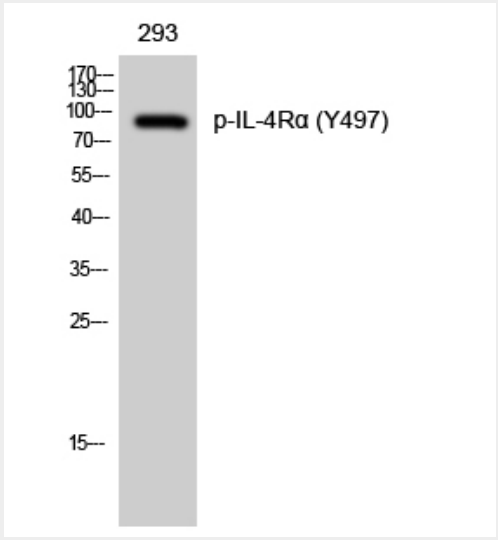
## IL-4Rα (phospho Tyr497) Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## IL-4Rα (phospho Tyr497) Polyclonal Antibody - Images




## IL-4Rα (phospho Tyr497) Polyclonal Antibody - Background

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.