

IL-4R α (phospho Tyr497) Polyclonal Antibody
Catalog # AP67492**Specification**

IL-4R α (phospho Tyr497) Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P24394
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

IL-4R α (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.

IHC-P~~N/A

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-4R α (phospho Tyr497) 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

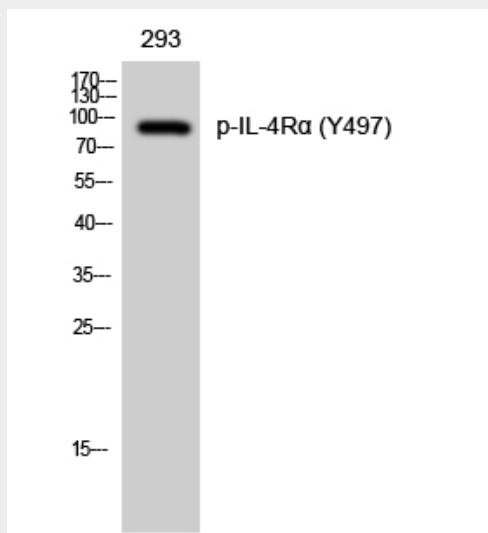
Tissue Location

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

IL-4R α (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 Cytometry](#)
- [Cell Culture](#)

IL-4R α (phospho Tyr497) Polyclonal Antibody - Images**IL-4R α (phospho Tyr497) Polyclonal Antibody - Background**

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