

**IL-5R $\alpha$  Polyclonal Antibody**  
Catalog # AP73397**Specification****IL-5R $\alpha$  Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q01344</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**IL-5R $\alpha$  Polyclonal Antibody - Additional Information****Gene ID** 3568**Other Names**

IL5RA; IL5R; Interleukin-5 receptor subunit alpha; IL-5 receptor subunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA; CDw125; CD125

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. 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

**IL-5R $\alpha$  Polyclonal Antibody - Protein Information****Name** IL5RA**Synonyms** IL5R**Function**

Cell surface receptor that plays an important role in the survival, differentiation, and chemotaxis of eosinophils (PubMed: [9378992](http://www.uniprot.org/citations/9378992)). Acts by forming a heterodimeric receptor with CSF2RB subunit and subsequently binding to interleukin-5 (PubMed: [1495999](http://www.uniprot.org/citations/1495999), PubMed: [22528658](http://www.uniprot.org/citations/22528658)). In unstimulated conditions, interacts constitutively with JAK2. Heterodimeric receptor activation leads to JAK2 stimulation and subsequent activation of the JAK-STAT pathway (PubMed: [9516124](http://www.uniprot.org/citations/9516124)).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

### Tissue Location

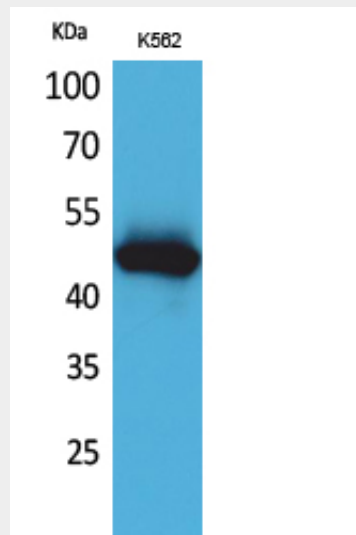
Expressed on eosinophils and basophils.

### IL-5R $\alpha$ 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-5R $\alpha$ Polyclonal Antibody - Images



### IL-5R $\alpha$ Polyclonal Antibody - Background

This is the receptor for interleukin-5. The alpha chain binds to IL5.