

# IL-5R $\alpha$ Polyclonal Antibody

Catalog # AP73397

## Product Information

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Application	WB
Primary Accession	<a href="#">Q01344</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47685

## Additional Information

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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

## Protein Information

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Name	IL5RA
Synonyms	IL5R
Function	Cell surface receptor that plays an important role in the survival, differentiation, and chemotaxis of eosinophils (PubMed: <a href="#">9378992</a> ). Acts by forming a heterodimeric receptor with CSF2RB subunit and subsequently binding to interleukin-5 (PubMed: <a href="#">1495999</a> , PubMed: <a href="#">22528658</a> ). In unstimulated conditions, interacts constitutively with JAK2. Heterodimeric receptor activation leads to JAK2 stimulation and subsequent activation of the JAK-STAT pathway (PubMed: <a href="#">9516124</a> ).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed on eosinophils and basophils.

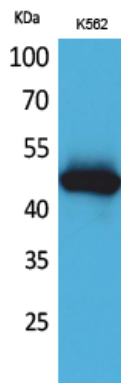
## Background

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

## Images

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Western Blot analysis of K562 cells using IL-5R $\alpha$   
Polyclonal Antibody.. Secondary antibody was diluted at  
1:20000

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