

# Anti-CD125 Antibody

Rabbit polyclonal antibody to CD125

Catalog # AP61361

## Product Information

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

## Additional Information

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<b>Gene ID</b>	3568
<b>Other Names</b>	IL5R; Interleukin-5 receptor subunit alpha; IL-5 receptor subunit alpha; IL-5R subunit alpha; IL-5R-alpha; IL-5RA; CDw125; CD125
<b>Target/Specificity</b>	Recognizes endogenous levels of CD125 protein.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/200)
<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>	IL5RA
<b>Synonyms</b>	IL5R
<b>Function</b>	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> ).
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein.
<b>Tissue Location</b>	Expressed on eosinophils and basophils.

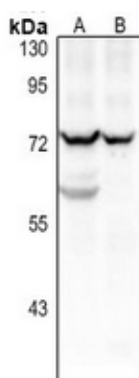
## Background

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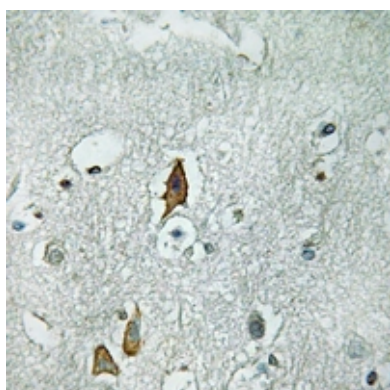
KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD125. The exact sequence is proprietary.

## Images

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Western blot analysis of CD125 expression in A2780 (A), A549 (B) whole cell lysates.



Immunohistochemical analysis of CD125 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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