

**IL3RA Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20479b**

**Specification**

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**IL3RA Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P26951</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43330
Antigen Region	322-348

**IL3RA Antibody (C-term) - Additional Information**

**Gene ID** 3563

**Other Names**

Interleukin-3 receptor subunit alpha, IL-3 receptor subunit alpha, IL-3R subunit alpha, IL-3R-alpha, IL-3RA, CD123, IL3RA, IL3R

**Target/Specificity**

This IL3RA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-348 amino acids from the C-terminal region of human IL3RA.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

IL3RA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**IL3RA Antibody (C-term) - Protein Information**

**Name** IL3RA ([HGNC:6012](#))

**Synonyms** IL3R

**Function** Cell surface receptor for IL3 expressed on hematopoietic progenitor cells, monocytes and B-lymphocytes that controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells (PubMed:[10527461](#)). Ligand stimulation rapidly induces heterodimerization with IL3RB, phosphorylation and enzyme activity of effector proteins such as JAK2 and PI3K that play a role in signaling cell proliferation and differentiation. Activation of JAK2 leads to STAT5-mediated transcriptional program (By similarity).

#### **Cellular Location**

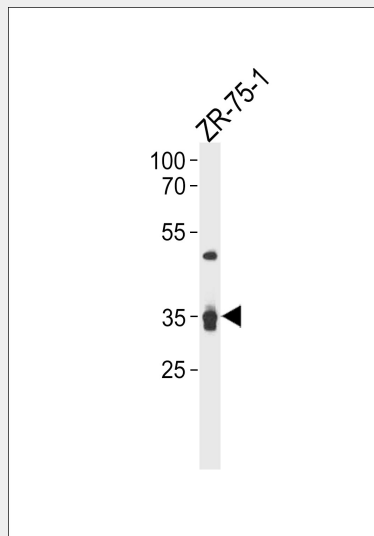
Membrane; Single-pass type I membrane protein.

### **IL3RA Antibody (C-term) - 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](#)

### **IL3RA Antibody (C-term) - Images**



IL3RA Antibody (C-term) (Cat. #AP20479b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the IL3RA antibody detected the IL3RA protein (arrow).

### **IL3RA Antibody (C-term) - Background**

This is a receptor for interleukin-3.

### **IL3RA Antibody (C-term) - References**

Chen J., et al. J. Biol. Chem. 284:5763-5773(2009).  
Kitamura T., et al. Cell 66:1165-1174(1991).  
Ota T., et al. Nat. Genet. 36:40-45(2004).

Ross M.T., et al. Nature 434:325-337(2005).