

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

Specification

IL3RA Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P26951
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

E~~Use at an assay dependent concentration.

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

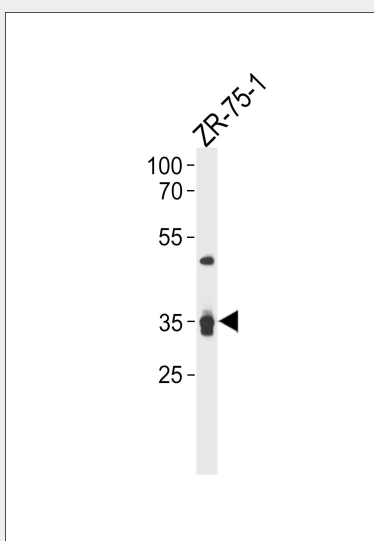
Cell membrane; Single-pass type I membrane protein

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).