

IL3RB Antibody (C-term V759)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6360b

Specification

IL3RB Antibody (C-term V759) - Product Information

Application	WB,E
Primary Accession	P32927
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	744-773

IL3RB Antibody (C-term V759) - Additional Information

Gene ID 1439

Other Names

Cytokine receptor common subunit beta, CDw131, GM-CSF/IL-3/IL-5 receptor common beta subunit, CD131, CSF2RB, IL3RB, IL5RB

Target/Specificity

This IL3R antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 744-773 amino acids from the C-terminal region of human IL3R.

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

IL3RB Antibody (C-term V759) is for research use only and not for use in diagnostic or therapeutic procedures.

IL3RB Antibody (C-term V759) - Protein Information

Name CSF2RB

Synonyms IL3RB, IL5RB

Function Cell surface receptor that plays a role in immune response and controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells. Acts by forming an heterodimeric receptor through interaction with different partners such as IL3RA, IL5RA or CSF2RA (PubMed:[1495999](#)). In turn, participates in various signaling pathways including interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor/CSF2 pathways. In unstimulated conditions, interacts constitutively with JAK1 and ligand binding leads to JAK1 stimulation and subsequent activation of the JAK- STAT pathway (PubMed:[9516124](#)).

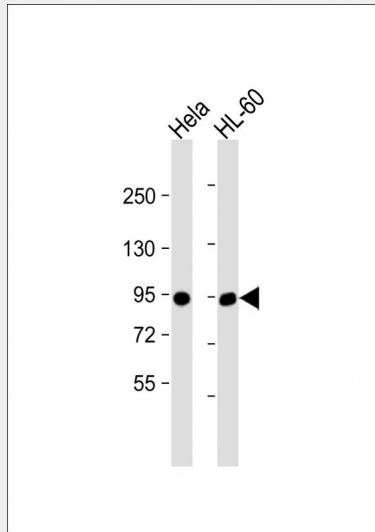
Cellular Location

Membrane; Single-pass type I membrane protein.

IL3RB Antibody (C-term V759) - 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](#)

IL3RB Antibody (C-term V759) - Images

All lanes : Anti-IL3RB Antibody (C-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 97 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

IL3RB Antibody (C-term V759) - Background

Purified rabbit polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is first purified by protein G affinity chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with the control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis

against PBS.

IL3RB Antibody (C-term V759) - References

Murphy, J.M., et al., *J. Biol. Chem.* 279(25):26500-26508 (2004).
McClure, B.J., et al., *Blood* 101(4):1308-1315 (2003).
Scibek, J.J., et al., *Anal. Biochem.* 307(2):258-265 (2002).
Blake, T.J., et al., *J. Leukoc. Biol.* 72(6):1246-1255 (2002).
Evans, C.A., et al., *Blood* 100(9):3164-3174 (2002).