

IL11RA Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21725b

Specification

IL11RA Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q14626
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	45222

IL11RA Antibody (C-term) - Additional Information

Gene ID 3590

Other Names

Interleukin-11 receptor subunit alpha, IL-11 receptor subunit alpha, IL-11R subunit alpha, IL-11R-alpha, IL-11RA, IL11RA

Target/Specificity

This IL11RA antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 374-407 amino acids from the C-terminal region of human IL11RA.

Dilution

WB~~1:2000

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

IL11RA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

IL11RA Antibody (C-term) - Protein Information

Name IL11RA ([HGNC:5967](#))

Function Receptor for interleukin-11 (IL11). The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other

mesenchymal cells (Probable). Essential for the normal development of craniofacial bones and teeth. Restricts suture fusion and tooth number.

Cellular Location

[Interleukin-11 receptor subunit alpha]: Membrane; Single-pass type I membrane protein [Isoform HCR2]: Secreted

Tissue Location

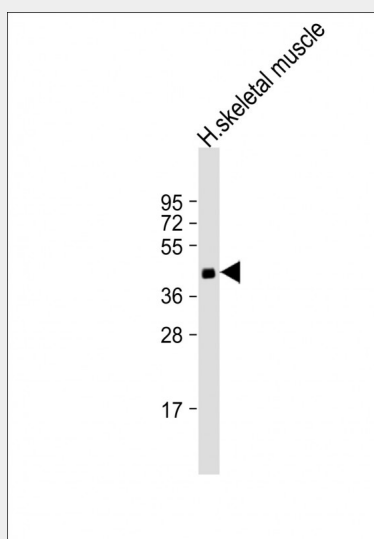
Expressed in a number of cell lines, including the myelogenous leukemia cell line K-562, the megakaryocytic leukemia cell line M-07e, the erythroleukemia cell line TF-1, and the osteosarcoma cell lines, MG-63 and SaOS-2 (PubMed:7670098). Also expressed in normal and malignant prostate epithelial cell lines. Expression levels are increased in prostate carcinoma.

IL11RA 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](#)

IL11RA Antibody (C-term) - Images



Anti-IL11RA Antibody (C-term) at 1:2000 dilution + human skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

IL11RA Antibody (C-term) - Background

Receptor for interleukin-11. The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in the control of proliferation and/or differentiation of skeletogenic progenitor or other mesenchymal cells.

Essential for the normal development of craniofacial bones and teeth. Restricts suture fusion and tooth number.

IL11RA Antibody (C-term) - References

Cherel M., et al. *Blood* 86:2534-2540(1995).

Van Leuven F., et al. *Genomics* 31:65-70(1996).

Kalnine N., et al. Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.

Humphray S.J., et al. *Nature* 429:369-374(2004).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.