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Anti-IL-11RA Antibody

Catalog # AP61394

Product Information

Application	WB
Primary Accession	Q14626
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45222

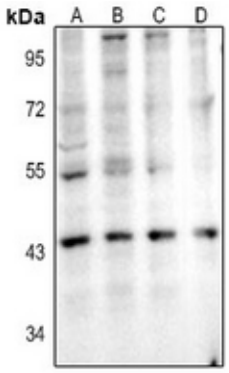
Additional Information

Gene ID	3590
Other Names	Interleukin-11 receptor subunit alpha; IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; IL-11RA
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human IL-11RA. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Images



Western blot analysis of IL-11RA expression in HEK293T (A), MCF7 (B), 3T3L1 (C), H9C2 (D) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 45 kD)

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