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# IL11RA antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12686

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q14626 |
| **Other Accession** | NM_004512, NP_004503 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine |
| **Predicted** | Human, Mouse, Rabbit, Dog, Guinea Pig, Horse, Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 45222 |

## Additional Information

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| **Gene ID** | 3590 |
| **Alias Symbol** | MGC2146, CRSDA |
| **Other Names** | Interleukin-11 receptor subunit alpha, IL-11 receptor subunit alpha, IL-11R subunit alpha, IL-11R-alpha, IL-11RA, IL11RA |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-IL11RA antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | IL11RA antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

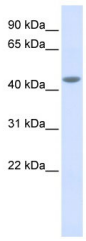
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| **Name** | IL11RA ( HGNC:5967) |
| **Function** | Receptor for interleukin-11 (IL11). The receptor systems for IL6, LIF, OSM, CNTF, IL11 and CT1 can utilize IL6ST for initiating signal transmission. The IL11/IL11RA/IL6ST complex may be involved in 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 |

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| **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. |

## References

Nakayama,T.,(2007)Int.J.Oncol.30(4),825-833ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

## Images




WB Suggested Anti-IL11RA Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: Human Muscle

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