

# IL11RA antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI12686

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q14626</a>
<b>Other Accession</b>	<a href="#">NM_004512</a> , <a href="#">NP_004503</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
<b>Predicted</b>	Human, Mouse, Rabbit, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	45222

## Additional Information

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<b>Gene ID</b>	3590
<b>Alias Symbol</b>	MGC2146, CRSDA
<b>Other Names</b>	Interleukin-11 receptor subunit alpha, IL-11 receptor subunit alpha, IL-11R subunit alpha, IL-11R-alpha, IL-11RA, IL11RA
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	IL11RA antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	IL11RA ( <a href="#">HGNC:5967</a> )
<b>Function</b>	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.
<b>Cellular Location</b>	[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.

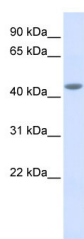
## References

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Nakayama, T., (2007) Int. J. Oncol. 30(4), 825-833 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images

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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'.