

**Product Name: IL-11 Receptor alpha Rabbit Monoclonal antibody**  
**Catalog #: AMRe02150**

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## Summary

|                        |                                                 |
|------------------------|-------------------------------------------------|
| <b>Production Name</b> | IL-11 Receptor alpha Rabbit Monoclonal antibody |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody          |
| <b>Host</b>            | Rabbit                                          |
| <b>Application</b>     | WB,IHC-P                                        |
| <b>Reactivity</b>      | Human                                           |

## Performance

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                             |
| <b>Modification</b> | Unmodified                                                                               |
| <b>Isotype</b>      | IgG                                                                                      |
| <b>Clonality</b>    | Monoclonal Antibody                                                                      |
| <b>Form</b>         | Liquid                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| <b>Purification</b> | Affinity Purified                                                                        |

## Immunogen

|                          |                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | IL11RA                                                                                                                   |
| <b>Alternative Names</b> | IL11RA; Interleukin-11 receptor subunit alpha; IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; IL-11RA |
| <b>Gene ID</b>           | 3590                                                                                                                     |
| <b>SwissProt ID</b>      | Q14626.                                                                                                                  |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1:500-1:1000 IHC: 1:50-1:100           |
| <b>Molecular Weight</b> | Calculated MW: 45 kDa; Observed MW: 45 kDa |

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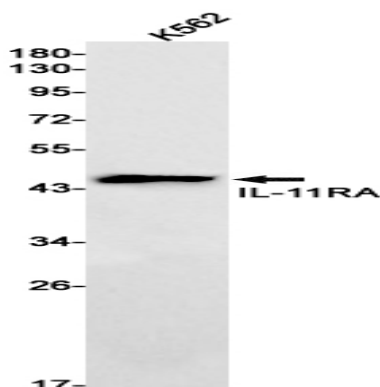
## Background

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.

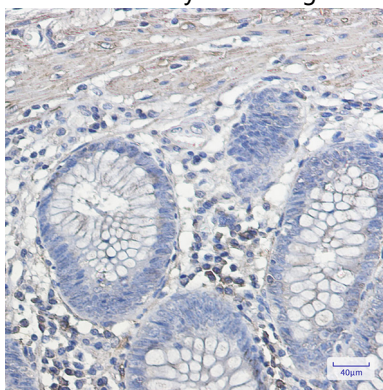
## Research Area

Immunology

## Image Data



Western blot analysis of IL-11RA in K562 lysates using IL-11 Receptor alpha antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using IL-11RA antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.