

## Rabbit anti-Human IL11RA Polyclonal Antibody | anti-IL11RA antibody

IL11RA Antibody (C-term)

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA290556</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

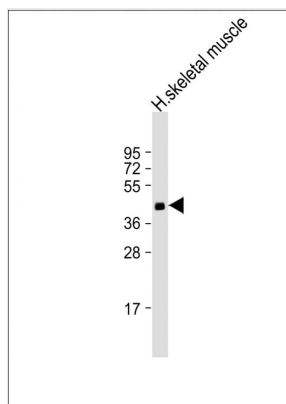
### PRODUCT SYNONYMS

IL11RA; Polyclonal Antibody; IL11RA Antibody (C-term); Purified Rabbit Polyclonal Antibody (Pab); Interleukin-11 receptor subunit alpha; IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; IL-11RA; anti-IL11RA antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Ig                                                                                                                                                                           |
| 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.    |
| Form/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. |
| Sequence Length                                  | 422                                                                                                                                                                          |
| Applicable Applications for anti-IL11RA antibody | WB (Western Blot)                                                                                                                                                            |
| Antigen Source                                   | Human                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

### IMAGES



#### WB (Western Blot)

Anti-IL11RA Antibody (C-term) at 1:2000 dilution + human skeletal muscle lysate. Lysates/proteins at 20 ug 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.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IL11RA antibody | 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. |
| Product Categories/Family for anti-IL11RA antibody   | Cancer; Immunology; Stem cells                                                                                                                                                                                                                                                                                                                                                                                            |
| 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.                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 218505839                                                                 |
| NCBI GeneID                      | 3590                                                                      |
| NCBI Accession #                 | NP_001136256.1                                                            |
| NCBI GenBank Nucleotide #        | NM_001142784.2                                                            |
| UniProt Accession #              | Q14626; Q16542; Q5VZ80; Q7KYJ7                                            |
| Molecular Weight                 | 45222                                                                     |
| NCBI Official Full Name          | interleukin-11 receptor subunit alpha                                     |
| NCBI Official Synonym Full Names | interleukin 11 receptor, alpha                                            |
| NCBI Official Symbol             | IL11RA                                                                    |
| NCBI Official Synonym Symbols    | CRSDA                                                                     |
| NCBI Protein Information         | interleukin-11 receptor subunit alpha                                     |
| UniProt Protein Name             | Interleukin-11 receptor subunit alpha                                     |
| UniProt Gene Name                | IL11RA                                                                    |
| UniProt Synonym Gene Names       | IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; IL-11RA |
| UniProt Entry Name               | I11RA_HUMAN                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.