

Product datasheet

info@arigobio.com

ARG40140 anti-IL11RA antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes IL11RA

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name IL11RA
Species Human

Immunogen KLH-conjugated synthetic peptide between aa. 372-403 of Human IL11RA.

Conjugation Un-conjugated

Alternate Names CRSDA; IL-11 receptor subunit alpha; IL-11RA; IL-11R subunit alpha; Interleukin-11 receptor subunit

alpha; IL-11R-alpha

Application Instructions

Application table	Application	Dilution
	WB	1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Positive Control Jurkat

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide.

Buffer PBS and 0.09% (W/V) Sodium azide.

Preservative 0.09% (W/V) Sodium azide.

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol IL11RA

Gene Full Name interleukin 11 receptor, alpha

Background Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant

cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq,

Jun 2012]

Function 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.

[UniProt]

Calculated Mw 45 kDa

Cellular Localization Membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG40140 anti-IL11RA antibody WB image

Western blot: 20 μg of Jurkat whole cell lysate stained with ARG40140 anti-IL11RA antibody at 1:2000 dilution.