

## Product datasheet

# Anti-IL11RA antibody ab84316

1 Image

### Overview

<b>Product name</b>	Anti-IL11RA antibody
<b>Description</b>	Rabbit polyclonal to IL11RA
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Cat, Dog
<b>Immunogen</b>	Synthetic peptide designed within residues: QLGYPPARPV VSCQAADYEN FSCTWSPSQI SGLPTRYLTS YRKKTVLGAD, corresponding to N terminal amino acids 108-157 of Human IL11RA (NP_004503) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Jurkat cell lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab84316** in the following tested applications.

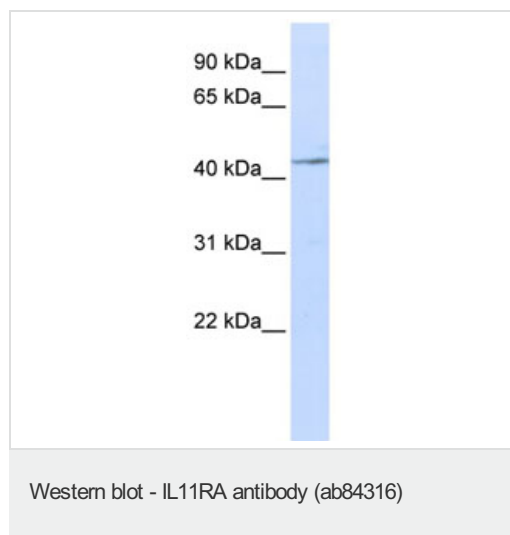
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 45 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

<b>Function</b>	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.
<b>Tissue specificity</b>	Expressed in a number of cell lines, including the myelogenous leukemia cell line K562, the megakaryocytic leukemia cell line Mo7E, the erythroleukemia cell line TF1, and the osteosarcoma cell lines, MG-63 and Saos-2. Also expressed in normal and malignant prostate epithelial cell lines. Expression levels are increased in prostate carcinoma.
<b>Sequence similarities</b>	Belongs to the type I cytokine receptor family. Type 3 subfamily. Contains 2 fibronectin type-III domains. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Membrane.

## Images



Anti-IL11RA antibody (ab84316) at 1 µg/ml +  
Jurkat cell lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size** : 45 kDa

**Observed band size** : 45 kDa

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