

Product datasheet

Anti-IL-31 antibody ab62579

★★★★☆ [5 Abreviews](#) [2 Images](#)

Overview

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name | Anti-IL-31 antibody |
| Description | Rabbit polyclonal to IL-31 |
| Host species | Rabbit |
| Tested applications | Suitable for: ICC/IF, WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide corresponding to Human IL-31 (internal sequence). |
| Positive control | Human skeletal muscle tissue lysate. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab62579 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 |
|-------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ICC/IF | ★★★★★ (1) | Use a concentration of 20 µg/ml. |
| WB | ★★★★★ (1) | Use a concentration of 2.5 - 5 µg/ml. Detects a band of approximately 27 kDa (predicted molecular weight: 18 kDa). Despite its predicted size, IL31 runs at approximately 27 - 30 kDa in SDS-PAGE. |

Target

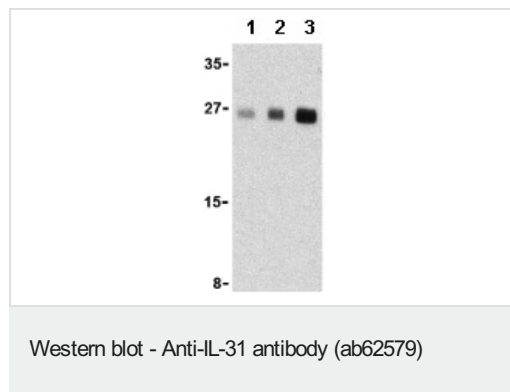
Function Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR. IL31 may function in skin immunity.

Tissue specificity Detected at low levels in testis, bone marrow, skeletal muscle, kidney, colon, thymus, small intestine and trachea.

Cellular localization Secreted.

Form Amino acids 1-23 are a signal peptide.

Images



Lane 1 : Anti-IL-31 antibody (ab62579) at 2.5 µg/ml

Lane 2 : Anti-IL-31 antibody (ab62579) at 5 µg/ml

Lane 3 : Anti-IL-31 antibody (ab62579) at 10 µg/ml

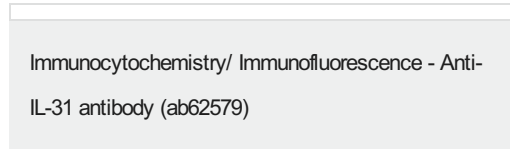
All lanes : human skeletal muscle tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 18 kDa

Observed band size: 27 kDa

Despite its predicted size, IL31 runs at approximately 27 - 30 kDa in SDS-PAGE.



Immunofluorescence of IL-31 in Human Skeletal Muscle cells using ab62579 at 20 µg/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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