

IL31 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11465**Specification**

IL31 Antibody (Internal) - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q6EBC2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

IL31 Antibody (Internal) - Additional Information**Gene ID** 386653**Other Names**

Interleukin-31, IL-31, IL31

Target/Specificity

18 amino acid peptide from near the center of human IL-31

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

IL31 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

IL31 Antibody (Internal) - Protein Information**Name** IL31**Function**

Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR (PubMed:15184896). May function in skin immunity (PubMed:15184896). Enhances myeloid progenitor cell survival in vitro (By similarity). Induces RETNLA and serum amyloid A protein expression in macrophages (By similarity).

Cellular Location

Secreted.

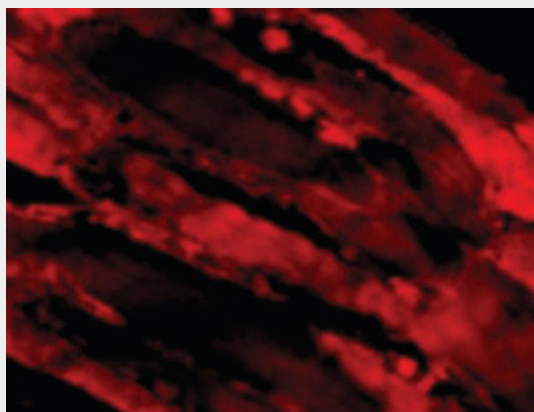
Tissue Location

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

IL31 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL31 Antibody (Internal) - Images

Immunofluorescence of IL-31 in Human Skeletal Muscle cells with IL-31 antibody at 20 ug/ml.

IL31 Antibody (Internal) - Background

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

IL31 Antibody (Internal) - References

Dillon S.R., et al. Nat. Immunol. 5:752-760(2004).
Bilsborough J., et al. J. Allergy Clin. Immunol. 117:418-425(2006).
Neis M.M., et al. J. Allergy Clin. Immunol. 118:930-937(2006).