

Rabbit IL-31 Polyclonal Antibody | anti-IL-31 antibody

Anti-IL-31 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125171	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IL-31; Polyclonal Antibody; Anti-IL-31 Antibody; Interleukin-31; interleukin 31; anti-IL-31 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized; Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	164
Applicable Applications for anti-IL-31 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human IL-31 recombinant protein (Position: S24-T164).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500µg/ml.
Relevant Detection Systems	We recommend Enhanced Chemiluminescent Kit with anti-Rabbit IgG () for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit () for IHC(P).
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-31 antibody	Background: Interleukin-31 (IL-31) is a protein that in humans is encoded by the IL31 gene that resides on chromosome 12. IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA and OSMR that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma.
References	1. Dillon SR, Sprecher C, Hammond A, Bilsborough J, Rosenfeld-Franklin M, Presnell SR, et al. (July 2004). "Interleukin 31, a cytokine produced by activated T cells, induces dermatitis in mice". Nature Immunology. 5(7): 752-60. 2. Zhang Q, Putheti P, Zhou Q, Liu Q, Gao W (October 2008). "Structures and biological functions of IL-31 and IL-31 receptors". Cytokine & Growth Factor Reviews. 19 (5-6): 347-56.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62122911
NCBI GeneID	386653

NCBI Accession #	NP_001014358.1
NCBI GenBank Nucleotide #	NP_001014358.1
UniProt Accession #	Q6EBC2
NCBI Official Full Name	interleukin-31
NCBI Official Synonym Full Names	interleukin 31
NCBI Official Symbol	IL31
NCBI Official Synonym Symbols	IL-31
NCBI Protein Information	interleukin-31
UniProt Protein Name	Interleukin-31
UniProt Gene Name	IL31
UniProt Synonym Gene Names	IL-31
UniProt Entry Name	IL31_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/il-31-antibody-immunohistochemistry-western-blot-elisa/125171>