

Rabbit anti-Human IL31 Polyclonal Antibody | anti-IL31 antibody

IL31 Antibody (N-term)

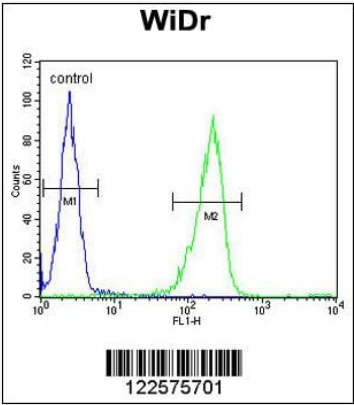
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288868	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

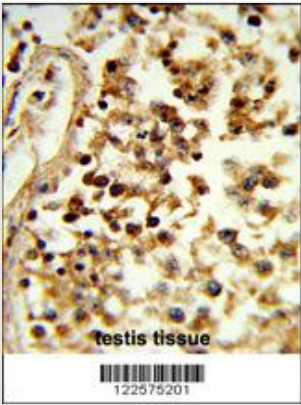
IL31; Polyclonal Antibody; IL31 Antibody (N-term); Interleukin-31; IL-31; anti-IL31 antibody

PRODUCT SPECIFICATIONS

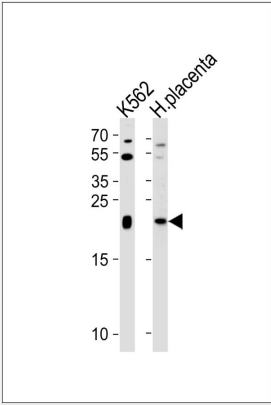
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IL31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-40 amino acids from the N-terminal region of human IL31.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	13-40
Sequence Length	164
Applicable Applications for anti-IL31 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
IL31 Antibody (N-term) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human testis tissue reacted with IL31 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from K562 cell line and human placenta tissue lysate (from left to right), using IL31 Antibody (N-term). AAA288868 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-IL31 antibody	IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) 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.
Product Categories/Family for anti-IL31 antibody	Immunology
References	Le Saux, S., et al. J. Biol. Chem. 285(5):3470-3477(2010) Zucchelli, M., et al. Inflamm. Bowel Dis. 15(7):961-962(2009) Gutzmer, R., et al. J. Allergy Clin. Immunol. 123(3):619-625(2009) Zhang, Q., et al. Cytokine Growth Factor Rev. 19 (5-6), 347-356 (2008) : Werfel, T., et al. Chem Immunol Allergy 94, 101-111 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	62122911
NCBI GeneID	386653
NCBI Accession #	NP_001014358.1
NCBI GenBank Nucleotide #	NM_001014336.1

UniProt Accession #	Q6EBC2; A2RUQ1
Molecular Weight	18205
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il31-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/288868>