

Anti-IL-31RA Antibody

Rabbit polyclonal antibody to IL-31RA

Catalog # AP59896

Product Information

Application	WB
Primary Accession	Q8NI17
Other Accession	Q8K5B1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82954

Additional Information

Gene ID	133396
Other Names	CRL3; GPL; Interleukin-31 receptor subunit alpha; IL-31 receptor subunit alpha; IL-31R subunit alpha; IL-31R-alpha; IL-31RA; Cytokine receptor-like 3; GLM-R; hGLM-R; Gp130-like monocyte receptor; Gp130-like receptor; ZcytoR17
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IL-31RA. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

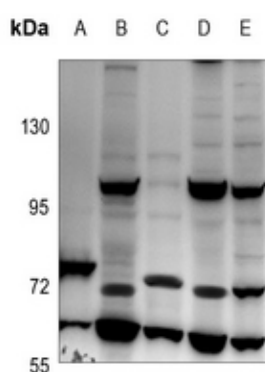
Name	IL31RA
Synonyms	CRL3, GPL
Function	Associates with OSMR to form the interleukin-31 receptor which activates STAT3 and to a lower extent STAT1 and STAT5 (PubMed: 11877449 , PubMed: 14504285 , PubMed: 15194700 , PubMed: 15627637). May function in skin immunity (PubMed: 15184896). Mediates IL31-induced itch, probably in a manner dependent on cation channels TRPA1 and TRPV1 (By similarity). Positively regulates numbers and cycling status of immature subsets of myeloid progenitor cells in bone marrow in vivo and enhances myeloid progenitor cell survival in vitro (By similarity).

Cellular Location	Cell membrane; Single-pass type I membrane protein. Presynaptic cell membrane {ECO:0000250 UniProtKB:Q8K5B1}. Cell projection, axon {ECO:0000250 UniProtKB:Q8K5B1}
Tissue Location	Expressed in CD14- and CD56-positive blood cells (PubMed:11877449). Expressed in macrophages (PubMed:16461143, PubMed:18439099). Expressed in keratinocytes (PubMed:21261663) Expressed in a subset of dorsal root ganglia neurons (at protein level) (PubMed:24373353). Expressed at low levels in testis, ovary, brain, prostate, placenta, thymus, bone marrow, trachea and skin (PubMed:11877449, PubMed:14504285, PubMed:15184896). Expressed in bronchial and alveolar epithelial cells and pulmonary fibroblasts (PubMed:18439099). Detected in all of the myelomonocytic lineage (PubMed:14504285). Isoform 6: Expressed at higher levels in lesional skin compared to healthy skin of atopic dermatitis patients (PubMed:24373353).

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IL-31RA. The exact sequence is proprietary.

Images



Western blot analysis of IL-31RA expression in HuT78 (A), Myla2078 (B), PC3 (C), CT26 (D), C6 (E) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.