白介素 31 受体 a 抗体

产品货号： mIR2631

英文名称： IL31RA

中文名称： 白介素 31 受体 a 抗体

别　　名： Interleukin-31 receptor subunit alpha; interleukin-31 receptor subunit alpha precursor; cytokine receptor NR10; mGLM-R; IL-31RA; zcytoR17; IL-31R-alpha; gp130-like receptor; IL-31R subunit alpha; novel cytokine receptor 10; IL-31 receptor subunit alpha; gp130-like monocyte receptor; interleukin 31RA; class I cytokine receptor; Il31ra; CRL3; CRL 3; GLM-R; Glmr; GPL; NR10; HGLM R; HGLMR; IL 31RA; IL31RA; Interleukin 31 receptor A; MGC125346; PRO21384; Soluble type I cytokine receptor CRL3; IL31R_HUMAN.

研究领域： 免疫学　细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 80kDa

细胞定位： 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human IL-31RA:401-500/764 <Extracellular>

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： IL31RA is related to gp130 (IL6ST; MIM 600694), the common receptor subunit for IL6 (MIM 147620)-type cytokines. Oncostatin M receptor (OSMR; MIM 601743) and IL31RA form the heterodimeric receptor through which IL31 (MIM 609509) signals. Expression of IL31RA and OSMR mRNA is induced in activated monocytes, and both mRNAs are constitutively expressed in epithelial cells (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM].

Function:

Associates with OSMR to form the interleukin-31 receptor which activates STAT3 and to a lower extent STAT1 and STAT5. May function in skin immunity.

Subunit:

Heterodimer with OSMR. Interacts with JAK1 and STAT3.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein (Probable).

Tissue Specificity:

Expressed at low levels in testis, ovary, brain, prostate, placenta, thymus, bone marrow, trachea and skin. Detected in all of the myelomonocytic lineage. Expressed in CD14-and CD56-positive blood cells and by macrophages (at protein level).

Post-translational modifications:

N-glycosylated.

DISEASE:

Defects in IL31RA are the cause of amyloidosis primary localized cutaneous type 2 (PLCA2) [MIM:613955]. PLCA2 is primary amyloidosis characterized by localized cutaneous amyloid deposition. This condition usually presents with itching (especially on the lower legs) and visible changes of skin hyperpigmentation and thickening that may be exacerbated by chronic scratching and rubbing. Primary localized cutaneous amyloidosis is often divided into macular and lichen subtypes although many affected individuals often show both variants coexisting. Lichen amyloidosis characteristically presents as a pruritic eruption of grouped hyperkeratotic papules with a predilection for the shins, calves, ankles and dorsa of feet and thighs. Papules may coalesce to form hyperkeratotic plaques that can resemble lichen planus, lichen simplex or nodular prurigo. Macular amyloidosis is characterized by small pigmented macules that may merge to produce macular hyperpigmentation, sometimes with a reticulate or rippled pattern. In macular and lichen amyloidosis, amyloid is deposited in the papillary dermis in association with grouped colloid bodies, thought to represent degenerate basal keratinocytes. The amyloid deposits probably reflect a combination of degenerate keratin filaments, serum amyloid P component, and deposition of immunoglobulins.

Similarity:

Belongs to the type I cytokine receptor family. Type 2 subfamily.

Contains 5 fibronectin type-III domains.

SWISS:

Q8NI17

Gene ID:

133396

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.