

## IL-31R $\alpha$ Rabbit pAb

CatalogNo: YT5091

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 82kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:40000**

**Not yet tested in other applications.**

### Storage

#### Storage\*

-15°C to -25°C/1 year (Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

Synthesized peptide derived from the Internal region of human IL-31R $\alpha$ .

#### Specificity

IL-31R $\alpha$  Polyclonal Antibody detects endogenous levels of IL-31R $\alpha$  protein.

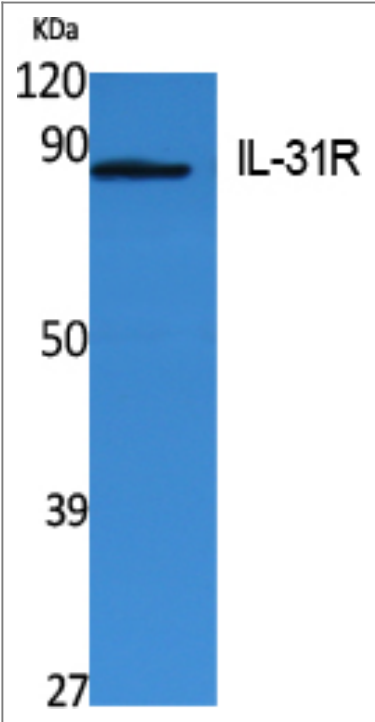
### Target Information

#### Gene name

IL31RA

Protein Name	Interleukin-31 receptor subunit alpha		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">133396</a> ;	<a href="#">Q8NI17</a> ;
	Mouse		<a href="#">Q8K5B1</a> ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Cell junction, synapse, presynaptic cell membrane . Cell projection, axon .		
Tissue specificity	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:15184896, PubMed:11877449, PubMed:14504285). 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).		
Function	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.,induction:Up-regulated in lesional keratinocytes of patients with atopic dermatitis. Up-regulated by IFNG and lipopolysaccharides.,PTM:N-glycosylated.,similarity:Belongs to the type I cytokine receptor family. Type 2 subfamily.,similarity:Contains 5 fibronectin type-III domains.,subunit:Heterodimer with OSMR. Interacts with JAK1 and STAT3.,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).,		

## Validation Data



Western Blot analysis of extracts from Jurkat cells, using IL-31R Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

## | Contact information

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Please scan the QR code  
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product information:

**IL-31R $\alpha$  Rabbit pAb**

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