

**IL-27RA Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51930****Specification**

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**IL-27RA Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q6UWB1</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70 KDa

**IL-27RA Antibody - Additional Information****Gene ID** 9466**Other Names**

Interleukin-27 receptor subunit alpha, IL-27 receptor subunit alpha, IL-27R subunit alpha, IL-27R-alpha, IL-27RA, Cytokine receptor WSX-1, Cytokine receptor-like 1, Type I T-cell cytokine receptor, TCCR, ZcytoR1, IL27RA, CRL1, TCCR, WSX1

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**IL-27RA Antibody - Protein Information****Name** IL27RA**Synonyms** CRL1, TCCR, WSX1**Function**

Receptor for IL27. Requires IL6ST/GP130 to mediate signal transduction in response to IL27. This signaling system acts through STAT3 and STAT1. Acts as a receptor for the neuroprotective peptide humanin as part of a complex with IL6ST/GP130 and CNTFR (PubMed:<a href="http://www.uniprot.org/citations/19386761" target="\_blank">19386761</a>). Involved in the regulation of Th1-type immune responses. Also appears to be involved in innate defense mechanisms.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Highly expressed in lymphoid tissues such as spleen, lymph nodes and peripheral blood leukocytes. Weakly expressed in other tissues examined including heart, brain, fetal and adult lung, liver, skeletal muscle, kidney, pancreas, prostate, testis, ovary, small intestine, kidney and colon. In the lymphoid system, higher level expression in CD4+ T-cell subsets than in CD8+ T-cell subsets. Also weaker expression in CD19+ B-cells and monocytes

**IL-27RA Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**IL-27RA Antibody - Images****IL-27RA Antibody - Background**

Receptor for IL27. Requires IL6ST/gp130 to mediate signal transduction in response to IL27. This signaling system acts through STAT3 and STAT1. Involved in the regulation of Th1- type immune responses. Also appears to be involved in innate defense mechanisms.

**IL-27RA Antibody - References**

Sprecher C.A., et al. Biochem. Biophys. Res. Commun. 246:82-90(1998).  
Zhang W., et al. Submitted (NOV-1998) to the EMBL/GenBank/DDBJ databases.  
Chen Q., et al. Nature 407:916-920(2000).  
Livingston R.J., et al. Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.  
Clark H.F., et al. Genome Res. 13:2265-2270(2003).