

IL-27RA Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51930

Product Information

Application	WB
Primary Accession	Q6UWB1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69474

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
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

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: 19386761). 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+

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.

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).

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