

Product Name: Ebi3 Rabbit Polyclonal Antibody
Catalog #: APRab10273



Summary

Production Name	Ebi3 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	EBI3
Alternative Names	EBI3; IL27B; Interleukin-27 subunit beta; IL-27 subunit beta; IL-27B; Epstein-Barr virus-induced gene 3 protein; EBV-induced gene 3 protein
Gene ID	10148.0
SwissProt ID	Q14213. The antiserum was produced against synthesized peptide derived from the Internal region of human EBI3. AA range:101-150

Application

Dilution Ratio	WB 1:500-1:2000, ELISA 1:10000. Not yet tested in other applications.
Molecular Weight	25kDa

Background

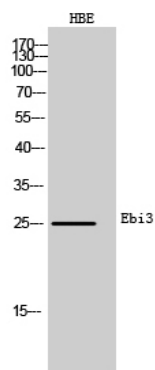
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This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells. [provided by RefSeq, Sep 2008],function:Cytokine with pro- and anti-inflammatory properties, that can regulate T helper cell development, suppress T-cell proliferation, stimulate cytotoxic T cell activity, induce isotype switching in B-cells, and that has diverse effects on innate immune cells. Among its target cells are CD4 T helper cells which can differentiate in type 1 effector cells (TH1), type 2 effector cells (TH2) and IL17 producing helper T-cells (TH17). It drives rapid clonal expansion of naive but not memory CD4 T-cells. It also strongly synergizes with IL-12 to trigger interferon-gamma/IFN-gamma production of naive CD4 T-cells, binds to the cytokine receptor WSX-1/TCCR. Another important role of IL27 is its antitumor activity as well as its antiangiogenic activity with activation of production of antiangiogenic chemokines.,induction:By EBV.,online information:Interleukin-27 entry,similarity:Belongs to the type I cytokine receptor family. Type 3 subfamily.,similarity:Contains 2 fibronectin type-III domains.,subunit:Heterodimer with IL27. IL-27 is an heterodimer composed IL27 and EBI3. EBI3 is also a component of the IL-12 heterodimer. Interacts with SQSTM1.,

Research Area

Image Data



Western Blot analysis of HBE cells using Ebi3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

Note

For research use only.