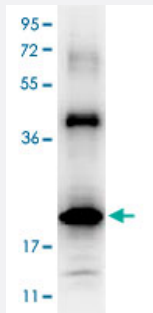


IL32 polyclonal antibody

Catalog # PAB16923 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot using IL32 polyclonal antibody (Cat # PAB16923) shows detection of a band ~19 KDa in size corresponding to recombinant human IL32. After transfer, the membrane was blocked overnight with 3% BSA in TBS followed by reaction with primary antibody at a 1 : 1,000 dilution. Detection occurred using peroxidase conjugated anti-Rabbit IgG secondary antibody diluted 1 : 40,000 in blocking buffer for 30 min at RT followed by reaction with FemtoMax™ chemiluminescent substrate. Image was captured using VersaDoc™ MP 4000 imaging system (Bio-Rad).

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant IL32.
Immunogen	Recombinant protein corresponding to full length human IL32.
Host	Rabbit
Reactivity	Human
Form	Lyophilized
Recommend Usage	ELISA (1:20000-1:100000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL32

Entrez GeneID	9235
Gene Name	IL32
Gene Alias	IL-32alpha, IL-32beta, IL-32delta, IL-32gamma, NK4, TAIF, TAIFa, TAIFb, TAIFc, TAIFd
Gene Description	interleukin 32
Omim ID	606001
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	natural killer cell transcript 4 natural killer cells protein 4 tumor necrosis factor alpha-inducing factor

Publication Reference

- [Interleukin-32 expression in the pancreas.](#)

Nishida A, Andoh A, Inatomi O, Fujiyama Y.

The Journal of Biological Chemistry 2009 Apr; 284(26):17868.

- [Molecular characterization of IL-32 in human endothelial cells.](#)

Kobayashi H, Lin PC.

Cytokine 2009 Apr; 46(3):351.

- [Negative feedback regulation of IL-32 production by iNOS activation in response to dsRNA or influenza virus infection.](#)

Li W, Yang F, Liu Y, Gong R, Liu L, Feng Y, Hu P, Sun W, Hao Q, Kang L, Wu J, Zhu Y.

European Journal of Immunology 2009 Apr; 39(4):1019.