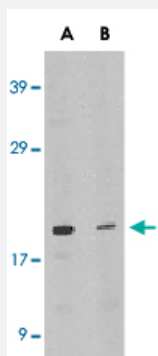


IL21 polyclonal antibody

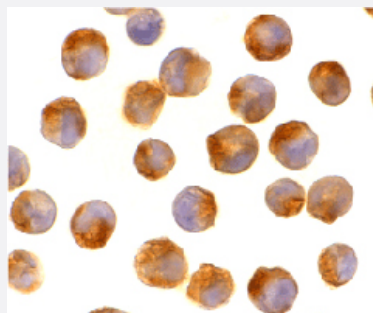
Catalog # PAB12867 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of IL21 expression in HL-60 cell lysate in the absence (lane A) or presence of blocking peptide (lane B) with IL21 polyclonal antibody (Cat # PAB12867) at 1 ug /mL .



Immunocytochemistry

Immunocytochemistry of IL21 in K-562 cells with IL21 polyclonal antibody (Cat # PAB12867) at 2 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IL21.
Immunogen	A synthetic peptide corresponding to internal region of human IL21.
Host	Rabbit
Reactivity	Human
Specificity	An approximately 18 KDa band can be detected.
Form	Liquid

Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of IL21 expression in HL-60 cell lysate in the absence (lane A) or presence of blocking peptide (lane B) with IL21 polyclonal antibody (Cat # PAB12867) at 1 ug /mL .

- Immunocytochemistry

Immunocytochemistry of IL21 in K-562 cells with IL21 polyclonal antibody (Cat # PAB12867) at 2 ug/mL .

Gene Info — IL21

Entrez GeneID	59067
----------------------	-----------------------

Protein Accession#	NP_068575
---------------------------	---------------------------

Gene Name	IL21
------------------	------

Gene Alias	IL-21, Za11
-------------------	-------------

Gene Description	interleukin 21
-------------------------	----------------

Omim ID	605384
----------------	------------------------

Gene Ontology	Hyperlink
----------------------	---------------------------

Other Designations	interleukin-21 isoform
---------------------------	------------------------

Publication Reference

- [Cutting edge: the common gamma-chain is an indispensable subunit of the IL-21 receptor complex.](#)

Asao H, Okuyama C, Kumaki S, Ishii N, Tsuchiya S, Foster D, Sugamura K.

The Journal of Immunology 2001 Jul; 167(1):1.

Application: Stimulated, Recombinant protein

- [Interleukin 21 and its receptor are involved in NK cell expansion and regulation of lymphocyte function.](#)

Parrish-Novak J, Dillon SR, Nelson A, Hammond A, Sprecher C, Gross JA, Johnston J, Madden K, Xu W, West J, Schrader S, Burkhead S, Heipel M, Brandt C, Kuijper JL, Kramer J, Conklin D, Presnell SR, Berry J, Shiota F, Bort S, Hambly K, Mudri S, Clegg C, Moore M, Grant FJ, Lofton-Day C, Gilbert T, Rayond F, Ching A, Yao L, Smith D, Webster P, Whitmore T, Maurer M, Kaushansky K, Holly RD, Foster D.

Nature 2000 Nov; 408(6808):57.

- [Cloning of a type I cytokine receptor most related to the IL-2 receptor beta chain.](#)

Ozaki K, Kikly K, Michalovich D, Young PR, Leonard WJ.

PNAS 2000 Oct; 97(21):11439.

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Addison Disease](#)
- [Alopecia Areata](#)
- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Colitis](#)

- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Wegener Granulomatosis](#)