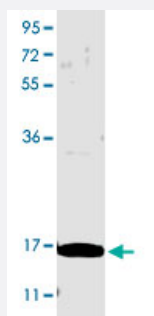


IL17A polyclonal antibody

Catalog # PAB16922 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot using IL17A polyclonal antibody (Cat # PAB16922) shows detection of a band ~17 KDa in size corresponding to recombinant human IL17A. 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 DyLight 649 conjugated anti-Rabbit IgG secondary antibody diluted 1 : 20,000 in blocking buffer. Image was captured using VersaDoc™ MP 4000 imaging system (Bio-Rad).

Specification

Product Description Rabbit polyclonal antibody raised against full length recombinant IL17A.

Immunogen Recombinant protein corresponding to full length human IL17A.

Host Rabbit

Reactivity Human

Form Lyophilized

Recommend Usage ELISA (1:1000-1:5000)
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer Lyophilized from 20 mM KH₂PO₄, 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 — IL17A

Entrez GeneID	3605
Gene Name	IL17A
Gene Alias	CTLA8, IL-17, IL-17A, IL17
Gene Description	interleukin 17A
Omim ID	603149
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq]
Other Designations	OTTHUMP00000016597 cytotoxic T-lymphocyte-associated antigen 8 cytotoxic T-lymphocyte-associated protein 8 cytotoxic T-lymphocyte-associated serine esterase 8 interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8)

Publication Reference

- [The IL-23/Th17 axis contributes to renal injury in experimental glomerulonephritis.](#)

Paust HJ, Turner JE, Steinmetz OM, Peters A, Heymann F, Holscher C, Wolf G, Kurts C, Mittrucker HW, Stahl RA, Panzer U. Journal of the American Society of Nephrology 2009 Apr; 20(5):969.

- [Interleukin-17A inhibits adipocyte differentiation in human mesenchymal stem cells and regulates pro-inflammatory responses in adipocytes.](#)

Shin JH, Shin DW, Noh M.

Biochemical Pharmacology 2009 Mar; 77(12):1835.

- [Hypoxia enhances stimulating effect of amyloid beta peptide \(25-35\) for interleukin 17 and T helper lymphocyte subtype 17 upregulation in cultured peripheral blood mononuclear cells.](#)

Yin Y, Wen S, Li G, Wang D.

Microbiology and Immunology 2009 Feb; 53(5):281.

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Colitis](#)
- [Disease Progression](#)
- [Dyspepsia](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Infant](#)
- [Inflammation](#)
- [Multiple Sclerosis](#)
- [Respiratory Syncytial Virus Infections](#)

- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)