

## IL-17 Antibody

Catalog No: #24784

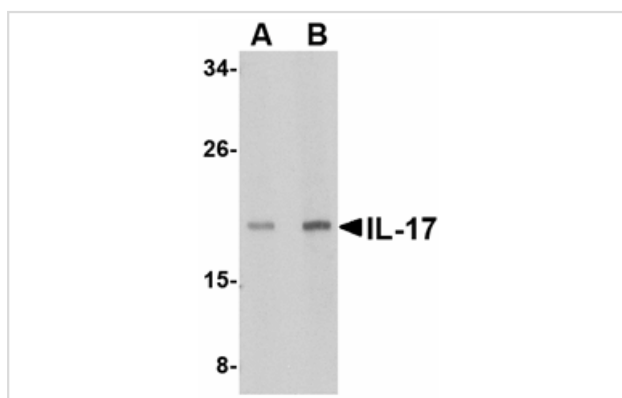
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	IL-17 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	WB
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the amino terminus of human IL-17A.
Target Name	IL-17
Other Names	Interleukin-17, IL-17A, CTLA8
Accession No.	Swiss-Prot:Q16552Gene ID:3605
Uniprot	Q16552
GeneID	3605;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of IL-17 in A-20 lysate with IL-17 antibody at (A) 2 and (B) 4 ug/mL.

## Background

Interleukin 17 (IL-17) is a family of pro-inflammatory cytokines produced by activated T cells and is thought to have a major role in the initiation and perpetuation of rheumatoid arthritis. IL-17 regulates the activities of NF- $\kappa$ B and mitogen-activated protein kinases such as ERK and JNK. In addition, IL-17 stimulates the expression of IL-6 and cyclooxygenase-2 and enhances the production of nitric oxide. IL-17-producing T helper cells (TH-17 cells) have been the subject of much attention due to the importance of IL-17 in the pathogenesis of autoimmune inflammation. Because of its role in autoimmune diseases, it is thought that targeting the production and action of IL-17 would be beneficial therapeutically in these diseases.

---

Note: This product is for in vitro research use only