

Product datasheet for **TA306678**

IL17 (IL17A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	WB: 0.125-2 µg/mL; IF: 5-20 µg/mL; IHC: 1-5 µg/mL . Antibody validated: Western Blot in human samples; Immunofluorescence in mouse samples; Immunohistochemistry in human and mouse samples. All other applications and species not yet tested.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IL-17 antibody was raised against a 19 amino acid synthetic peptide from near the center of human IL-17A. The immunogen is located within amino acids 50 - 100 of IL-17.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	IL-17 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 17A
Database Link:	NP_002181 Entrez Gene 16171 Mouse Entrez Gene 3605 Human Q16552



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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- κ 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.
Synonyms:	CTLA8; IL-17; IL-17A; IL17
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Cytokine-cytokine receptor interaction