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IL17A Polyclonal Antibody

Cat #: G-AB-03669

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
IL17A,also named as IL-17,is a proinflammatory cytokine. IL-17,synthesized only by memory T cells and natural killer cells,has pleiotropic effects,mainly in the recruitment and activation of neutrophils. 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. The IL-17 receptor is a type I transmembrane protein,that is widely expressed on epithelial cells,fibroblasts,B and T cells,and monocytic cells. In psoriatic skin lesions,both Th17 cells and their downstream effector molecules,e.g. IL-17 and IL-22,are highly increased.

Gene ID:

Accession #: NP002181

Immunogen: Synthetic peptide of human IL17A

Conjugation: Unconjugated

Swissprot: Q16552

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1.14 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: IHC,ELISA

Dilution: IHC 1:30-1:150, ELISA 1:5000-1:10000

Storage: Store at -20°C. Avoid freeze / thaw cycles.