

Basic Information

Product Name	Anti-IL-17/IL17A Antibody	
Gene Name	IL17A	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	mouse	
Tested Application	WB, ELISA	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.	
Immunogen	E. coli-derived mouse IL-17 recombinant protein(Position: A26-A158).	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	27 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Enzyme linked immunosorbent assay (ELISA):	1:100-1000

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

Interleukin-17A is a protein that in humans is encoded by the IL17A gene. 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.

Reference

Anti-IL-17/IL17A Antibody被引用在4文献中。

Selected Validation Data



Western blot analysis of IL-17/IL17A using anti-IL-17/IL17A antibody (BA12416).

Lane 1: recombinant Mouse IL-17 Protein 0.5ng.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-IL-17/IL17A antigen affinity purified polyclonal antibody (BA12416) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for IL-17/IL17A at approximately 30 kDa.