

For Research Use Only

IL-17A Polyclonal antibody

Catalog Number: 30754-1-AP



Basic Information

Catalog Number: 30754-1-AP	GenBank Accession Number: NM-010552	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 16171	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: interleukin 17A	
Isotype: IgG	Observed MW: 14 kDa, 17 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PMA, Ionomycin and Brefeldin A treated EL-4 cells,
Species Specificity: mouse	

Background Information

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.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

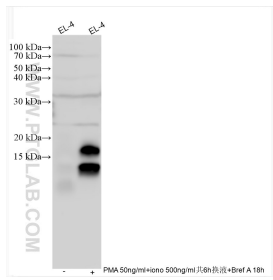
For technical support and original validation data for this product please contact:

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Selected Validation Data



Non-treated, and PMA, Ionomycin and Brefeldin A treated EL-4 cells were subjected to SDS PAGE followed by western blot with 30754-1-AP (IL-17A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.