

For Research Use Only

# IL-17F Polyclonal antibody

Catalog Number: 30589-1-AP



## Basic Information

Catalog Number:

30589-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_145856.2

GeneID (NCBI):

257630

UNIPROT ID:

Q7TNI7-2

Full Name:

interleukin 17F

Calculated MW:

17KD

Observed MW:

17-25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : NIH/3T3 cells, EL-4 cells, HSC-T6 cells

## Background Information

IL-17F, which is expressed by helper T cell 17(Th17) (at protein level). The expression pattern reflects the differentiation state. In fully differentiated Th17 cells, the level of IL-17a-IL-17f heterodimers is higher than that of IL-17a-IL-17a and IL-17f-IL-17f dimers (PMID:18025225), which are mainly secreted in the intestine (PMID:29915298). It is expressed by resident cells, epithelial cells and immune cell subsets of lamina propria (including natural killer cells, dendritic cells, macrophages and various T and B cell subsets) (PMID:16990136, PMID:29915298). The molecular weight of IL-17F is 17 kDa. IL-17F has the strongest similarity with IL-17A, and forms homodimer or heterodimer with IL-17A.

## 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

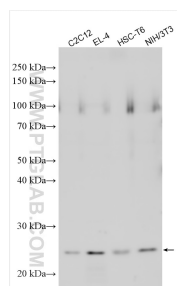
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30589-1-AP (IL-17F antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.