

For Research Use Only

IL-17F Polyclonal antibody

Catalog Number: 30589-1-AP



Basic Information

Catalog Number:

30589-1-AP

Size:

450 ug/ml

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

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

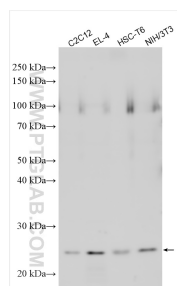
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.