

## IL16

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 142kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human IL16

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

LCF; NIL16; PRIL16; prIL-16

**Catalog #:** A1764

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3603

**Isotype:** IgG

**Swiss Prot:** Q14005

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Alternate splicing results in multiple transcript variants.

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