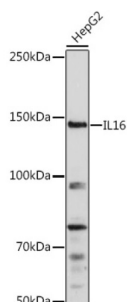


## Interleukin 16 (IL16) Antibody

Catalogue No.: abx001463



Western blot analysis of extracts of HepG2 cells using IL16 Antibody (1/1000 dilution).

IL16 Antibody is a Rabbit Polyclonal antibody against IL16. 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.

<b>Target:</b>	Interleukin 16 (IL16)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse
<b>Tested Applications:</b>	WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant fusion protein corresponding to human IL16
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q14005 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )

# Datasheet

Version: 4.0.0

Revision date: 12 Apr 2025



**Gene Symbol:** IL16

**GeneID:** [3603](#)

**NCBI Accession:** NP\_757366.2

**KEGG:** hsa:3603

**String:** [9606.ENSP00000302935](#)

**Molecular Weight:** Calculated MW: 59 kDa/66 kDa/141 kDa  
Observed MW: 142 kDa

**Buffer:** PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only