

# Anti-IL-16 Antibody

Rabbit polyclonal antibody to IL-16

Catalog # AP60018

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">Q14005</a>
<b>Other Accession</b>	<a href="#">O54824</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	141752

## Additional Information

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<b>Gene ID</b>	3603
<b>Other Names</b>	Pro-interleukin-16
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human IL-16. The exact sequence is proprietary.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	IL16
<b>Function</b>	Interleukin-16 stimulates a migratory response in CD4+ lymphocytes, monocytes, and eosinophils. Primes CD4+ T-cells for IL-2 and IL-15 responsiveness. Also induces T-lymphocyte expression of interleukin 2 receptor. Ligand for CD4. Isoform 3 is involved in cell cycle progression in T-cells. Appears to be involved in transcriptional regulation of SKP2 and is probably part of a transcriptional repression complex on the core promoter of the SKP2 gene. May act as a scaffold for GABPB1 (the DNA- binding subunit the GABP transcription factor complex) and HDAC3 thus maintaining transcriptional repression and blocking cell cycle progression in resting T-cells.
<b>Cellular Location</b>	[Interleukin-16]: Secreted. [Isoform 3]: Cytoplasm. Nucleus.  [Isoform 3]: Expressed in hemopoietic tissues, such as resting T-cells, but

**Tissue Location**

undetectable during active T-cell proliferation

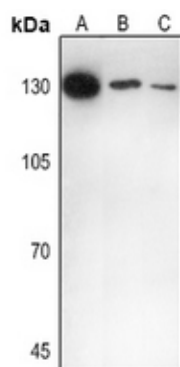
**Background**

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KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human IL-16. The exact sequence is proprietary.

**Images**

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Western blot analysis of IL-16 expression in HEK293T (A), mouse brain (B), rat liver (C) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.