

### **Anti-IL-16 Antibody**

Rabbit polyclonal antibody to IL-16 Catalog # AP60018

## **Specification**

# **Anti-IL-16 Antibody - Product Information**

Application WB, IP
Primary Accession Q14005
Other Accession O54824
Reactivity Human, Mouse, Rat
Host Rabbit

Clonality Polyclonal Calculated MW 141752

# **Anti-IL-16 Antibody - Additional Information**

**Gene ID 3603** 

#### **Other Names**

Pro-interleukin-16

### Target/Specificity

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

#### Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A

#### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

# Storage

Store at -20 °C.Stable for 12 months from date of receipt

# **Anti-IL-16 Antibody - Protein Information**

### Name IL16

#### **Function**

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.



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## **Cellular Location**

[Interleukin-16]: Secreted. [Isoform 3]: Cytoplasm. Nucleus.

#### **Tissue Location**

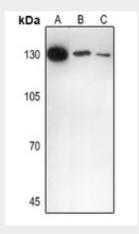
[Isoform 3]: Expressed in hemopoietic tissues, such as resting T-cells, but undetectable during active T-cell proliferation

# **Anti-IL-16 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Anti-IL-16 Antibody - Images



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

## Anti-IL-16 Antibody - Background

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