

IL-1F5 Polyclonal Antibody

Catalog # AP73903

## Specification

# IL-1F5 Polyclonal Antibody - Product Information

Application Primary Accession Reactivity Host Clonality WB <u>O9UBH0</u> Human, Mouse, Rat Rabbit Polyclonal

## IL-1F5 Polyclonal Antibody - Additional Information

Gene ID 26525

**Other Names** 

IL36RN; FIL1D; IL1F5; IL1HY1; IL1L1; IL1RP3; Interleukin-36 receptor antagonist protein; FIL1 delta; IL-1-related protein 3; IL-1RP3; Interleukin-1 HY1; IL-1HY1; Interleukin-1 delta; IL-1 delta; Interleukin-1 family member 5; IL-1F5; Interleukin-1 receptor antagonist homolog 1; IL-1ra homolog 1; Interleukin-1-like protein 1; IL-1L1

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** -20°C

## IL-1F5 Polyclonal Antibody - Protein Information

Name IL36RN (HGNC:15561)

#### Function

Inhibits the activity of interleukin-36 (IL36A,IL36B and IL36G) by binding to receptor IL1RL2 and preventing its association with the coreceptor IL1RAP for signaling. Part of the IL-36 signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor. Proposed to play a role in skin inflammation. May be involved in the innate immune response to fungal pathogens, such as Aspergillus fumigatus. May activate an anti- inflammatory signaling pathway by recruiting SIGIRR.

#### **Cellular Location**

Cytoplasm. Secreted. Note=The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) followed by vesicle entry and secretion.

**Tissue Location** 



Predominantly expressed in skin keratinocytes but not in fibroblasts, endothelial cells or melanocytes. Detected also in the spleen, brain leukocyte and macrophage cell types. Increased in lesional psoriasis skin.

# **IL-1F5 Polyclonal Antibody - Protocols**

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

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

## IL-1F5 Polyclonal Antibody - Images







# IL-1F5 Polyclonal Antibody - Background

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