# IL-1F5 Polyclonal Antibody

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| **Catalog No** | BYab-16073 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse;Rat |
| **Applications** | WB;ELISA |
| **Gene Name** | IL36RN |
| **Protein Name** | Interleukin-36 receptor antagonist protein |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from the Internal region of human IL36RN. AA range:1-50 |
| **Specificity** | IL-1F5 Polyclonal Antibody detects endogenous levels of IL-1F5 protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Polyclonal, Rabbit,IgG |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | 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 |
| **Observed Band** | 17kD |
| **Cell Pathway** | Cytoplasm . Secreted . 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 Specificity** | 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. |
| **Function** | function:Is a highly and a specific antagonist of the IL-1 receptor-related protein 2-mediated response to interleukin 1 family member 9 (IL1F9). Could constitute |

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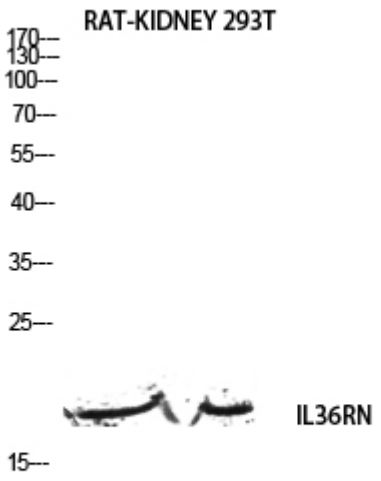
| | part of an independent signaling system analogous to interleukin-1 alpha (IL-1A), beta (IL-1B) receptor agonist and interleukin-1 receptor type I (IL-1R1), that is present in epithelial barriers and takes part in local inflammatory response.,induction:By phorbol ester (PMA) and lipopolysaccharide (LPS) treatment in macrophage cell line.,online information:Interleukin-1 entry,similarity:Belongs to the IL-1 family.,tissue specificity:Predominantly expressed in 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., |
| **Background** | The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine was shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, member 6 (IL1F6). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008], |
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images




Western blot analysis of RAT-KIDNEY 293T lysis using IL36RN antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000