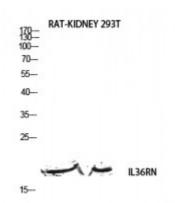


Anti-IL-1F5 antibody





Description Rabbit polyclonal to IL-1F5.

Model STJ97673

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, WB

Immunogen Synthesized peptide derived from human IL-1F5.

Immunogen Region 1-50 aa, Internal

Gene ID 26525

Gene Symbol <u>IL36RN</u>

Dilution range WB 1:500-1:2000ELISA 1:10000

Specificity IL-1F5 Polyclonal Antibody detects endogenous levels of IL-1F5 protein.

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.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Interleukin-36 receptor antagonist protein IL-36Ra 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 In

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:15561OMIM:605507

Alternative Names Interleukin-36 receptor antagonist protein IL-36Ra 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 In

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 Localization Secreted.

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