



Anti-IL1R1 (aa 26-177) polyclonal antibody (DPAB-DC1691)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12. |
| Immunogen | Recombinant His fusion protein corresponding to amino acids 26-177 of human IL1R1. |
| Source/Host | Sheep |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | ELISA, |
| Format | Liquid |
| Size | 1 ml |
| Buffer | In 20 mM phosphate buffer, 150 mM NaCl, pH 7.2 (0.09% sodium azide) |
| Preservative | 0.09% Sodium Azide |
| Storage | Store at -20°C. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

Gene Name [IL1R1 interleukin 1 receptor, type I \[Homo sapiens \(human\) \]](#)

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| Official Symbol | IL1R1 |
| Synonyms | IL1R1; interleukin 1 receptor, type I; P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha; interleukin-1 receptor type 1; IL-1R-1; IL-1RT1; IL-1RT-1; interleukin-1 receptor alpha; interleukin-1 receptor type I; CD121 antigen-like family member A; interleukin 1 receptor alpha, type I; |
| Entrez Gene ID | 3554 |
| Protein Refseq | NP_000868 |
| UniProt ID | P14778 |
| Chromosome Location | 2q12 |
| Pathway | Amoebiasis; Apoptosis Modulation and Signaling; Cytokine-cytokine receptor interaction; Hematopoietic cell lineage |
| Function | interleukin-1 receptor activity; interleukin-1, Type I, activating receptor activity; platelet-derived growth factor receptor binding; protease binding |