



# Anti-IL1R1 (aa 18-127) polyclonal antibody (DPAB-DC1692)

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

## PRODUCT INFORMATION

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| <b>Antigen Description</b> | 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. |
| <b>Immunogen</b>           | IL1R1 (NP_000868, 18 a.a. ~ 127 a.a) partial recombinant protein with GST tag. The sequence is<br>LEADKCKEREEKIILVSSANEIDVRPCPLNPNEHKGITWYKDDSKTPVSTEQASRIHQH<br>KEKLWFVPAKVEDSGHYVCVVRNSSYCLRIKISAKFVENEPNLCYNAQAI  |
| <b>Source/Host</b>         | Mouse  |
| <b>Species Reactivity</b>  | Human  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | WB (Cell lysate), ELISA,   |
| <b>Size</b>                | 50 µl  |
| <b>Buffer</b>              | 50 % glycerol  |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |

## GENE INFORMATION

|                            |  |
|----------------------------|--|
| <b>Gene Name</b>           | <a href="#">IL1R1 interleukin 1 receptor, type I [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b>     | IL1R1  |
| <b>Synonyms</b>            | 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; |
| <b>Entrez Gene ID</b>      | <a href="#">3554</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_000868</a>  |
| <b>UniProt ID</b>          | <a href="#">P14778</a>   |
| <b>Chromosome Location</b> | 2q12   |
| <b>Pathway</b>             | Amoebiasis; Apoptosis Modulation and Signaling; Cytokine-cytokine receptor interaction; Hematopoietic cell lineage   |
| <b>Function</b>            | interleukin-1 receptor activity; interleukin-1, Type I, activating receptor activity; platelet-derived growth factor receptor binding; protease binding  |