



## 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

<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 LEADKCKEREKIIILVSSANEIDVRPCPLNPNEHKGTITWYKDDSKTPVSTEQASRIHQH KEKLWFWPAKVEDSGHYYCVVRNSSYCLRIKISAKFVENEPNLCYNAQAI
<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

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<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

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