

## IL-1 RI Polyclonal Antibody(Capture/Detector)

catalog number: AN000930P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

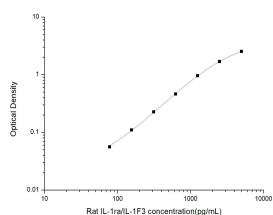
<b>Reactivity</b>	Rat
<b>Immunogen</b>	Recombinant Rat IL-1 RI protein expressed by Mammalian
<b>Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
<b>ELISA Detector</b>	0.1-0.4 µg/mL

### Data



Sandwich ELISA-Recombinant Rat IL-1 RI protein standard curve. Background subtracted standard curve using IL-1 RI antibody(AN000930P)(Capture), IL-1 RI antibody(AN000930P)(Detector) in sandwich ELISA. The reference range value for Recombinant Rat IL-1 RI protein is 78.13-5000 pg/mL.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Enables interleukin-1 binding activity; interleukin-1 receptor activity; and protease binding activity. Involved in interleukin-1-mediated signaling pathway. Acts upstream of or within several processes, including cytokine-mediated signaling pathway; positive regulation of interleukin-1-mediated signaling pathway; and positive regulation of neutrophil extravasation. Located in external side of plasma membrane. Is expressed in brain; dorsal aorta; liver; reproductive system; and spleen. Used to study type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in systemic scleroderma and type 1 diabetes mellitus. Orthologous to human IL1R1 (interleukin 1 receptor type 1).

### For Research Use Only