

IL-1 RI Polyclonal Antibody(Capture/Detector)

catalog number: AN000930P

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

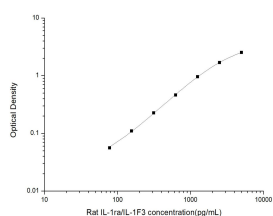
Description

Reactivity	Rat
Immunogen	Recombinant Rat IL-1 RI protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	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

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	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 IL1RI (interleukin 1 receptor type 1).

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