

## IL-1RAcP Polyclonal Antibody

<b>CATALOG #:</b>	3243-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 528 of human IL-1RAcP.
<b>SPECIES REACTIVITY:</b>	human, mouse, rat

### FORMULATION:

100 µg (0.2 mg/ml) affinity purified rabbit anti-IL-1RAcP polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

### BACKGROUND DESCRIPTION:

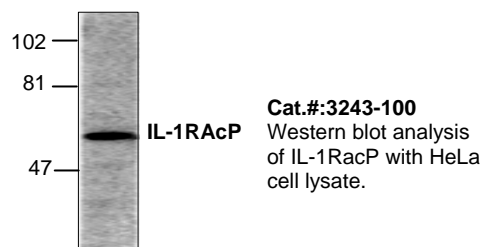
The pro-inflammatory cytokine IL-1 induced cellular response requires two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1RAcP forms a complex with IL-1RI in response to IL-1 treatment. The IL-1 receptor-associated kinase (IRAK), which mediates activation of stress-activated protein kinase and of acid sphingomyelinase also requires IL-1RAcP. Like IL-1RI, IL-1RAcP subunit is essential for IL-1 mediated cellular response. IL-1RAcP is expressed in many tissues.

### APPLICATION AND USAGE:

The antibody can be used for Western blot (0.5-4 µg/ml). However, the optimal conditions should be determined individually. HeLa cell lysate can be used as a positive control.

### SPECIFICITY:

Detects 66 kDa IL-1RAcP in human, mouse and rat samples. It has no cross-reactivity to other members in the IL-1 receptor family.



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