

## IL-1RA Recombinant antibody

**Cat:**B36314S

**Company:** HaoKebio

**Uniprot ID:**P25086

**Applications:** IHC:1:1000-1:4000

**Organism:**Rabbit

IHC-Polymer:1:4000-1:16000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:5000-1:20000

**Molecular Weight Calculation:** 20 kDa

IF:1:50-1:200

**Observed Molecular Weight:** 18-20 kDa

WB:1:500-1:2000

### Background:

Interleukin-1 receptor antagonist (IL-1RA) is a critical member of the IL-1 family of cytokines, which plays a significant role in modulating inflammatory responses. IL-1RA exists in two main forms: a secreted form (sIL-1Ra) and an intracellular form (icIL-1Ra). The secreted form is produced by various cells including monocytes, macrophages, neutrophils, and other cells, while the intracellular form is found in keratinocytes and other epithelial cells, as well as in monocytes and fibroblasts. IL-1RA is important in host defense against endotoxin-induced injury and is produced in numerous experimental animal models of disease, as well as in human autoimmune and chronic inflammatory diseases. It acts as an anti-inflammatory agent by maintaining the balance between pro-inflammatory IL-1 $\alpha/\beta$  and its own anti-inflammatory effects.

### Synonyms:

IL1 inhibitor, IL1RA, IL-1ra, Il1rn, IL-1RN

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100  $\mu$ g/ml BSA and 50% glycerol.

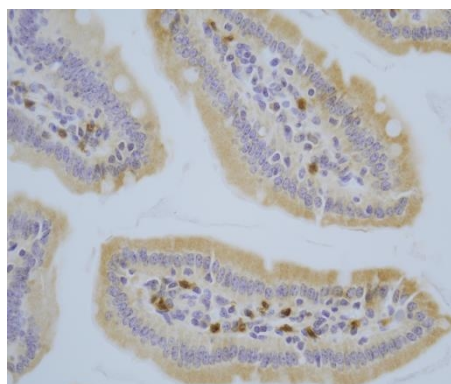
### Storage:

Store at -20 °C for one year.

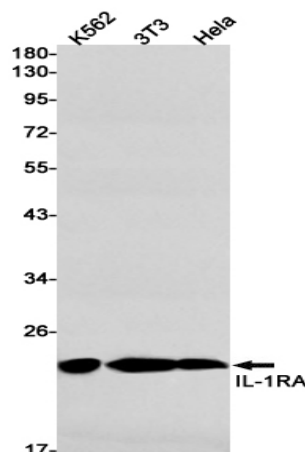
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse intestine, 4% PFA 12-24h



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

发表[中文论文]请标注:IL-1RA(B36314S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:IL-1RA(B36314S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.