

**IL1RA Antibody**  
**Rabbit mAb**  
**Catalog # AP90792****Specification**

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**IL1RA Antibody - Product Information**

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">P18510</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
DIRA; ICIL1RA; IL-1ra; IL-1ra3; IL-1RN; IL1 inhibitor; IL1F3; IL1RN (IL1F3); Interleukin-1 receptor antagonist protein; IRAP; Type II interleukin 1 receptor antagonist;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	20055 Da

**IL1RA Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human IL1RA
Description	Interleukin-1 (IL-1) is a key pro-inflammatory cytokine that has diverse actions in the brain as a regulator of host defense responses and a mediator of inflammation. Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**IL1RA Antibody - Protein Information****Name** IL1RN**Synonyms** IL1F3, IL1RA

**Function**

Anti-inflammatory antagonist of interleukin-1 family of proinflammatory cytokines such as interleukin-1beta/IL1B and interleukin-1alpha/IL1A. Protects from immune dysregulation and uncontrolled systemic inflammation triggered by IL1 for a range of innate stimulatory agents such as pathogens.

**Cellular Location**

[Isoform 1]: Secreted [Isoform 3]: Cytoplasm.

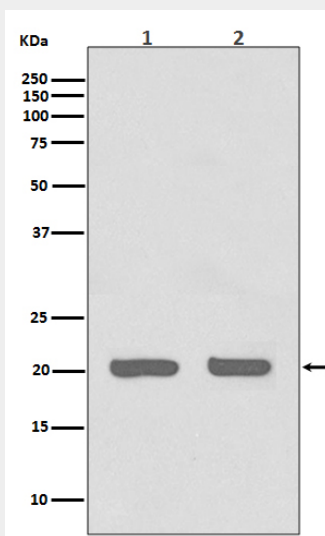
**Tissue Location**

The intracellular form of IL1RN is predominantly expressed in epithelial cells

**IL1RA Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**IL1RA Antibody - Images**

Western blot analysis of IL1RA expression in (1) HeLa cell lysate; (2) 3T3 cell lysate.