

# IL-1RA Protein Rabbit mAb

Catalog # AP75612

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">P18510</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	20055

## Additional Information

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<b>Gene ID</b>	3557
<b>Other Names</b>	IL1RN
<b>Dilution</b>	WB~~1:2000-1:5000 IHC-P~~N/A
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	IL1RN
<b>Synonyms</b>	IL1F3, IL1RA
<b>Function</b>	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.
<b>Cellular Location</b>	[Isoform 1]: Secreted [Isoform 3]: Cytoplasm.
<b>Tissue Location</b>	The intracellular form of IL1RN is predominantly expressed in epithelial cells

## Background

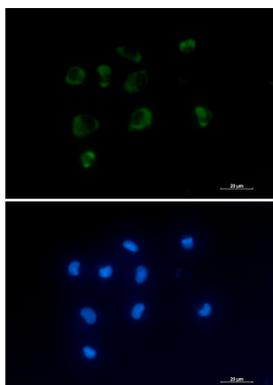
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Interleukin-1 (IL-1) is a key pro-inflammatory cytokine that has diverse actions in the brain as a regulator of

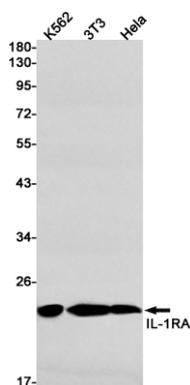
host defense responses and a mediator of inflammation. Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity.

## Images

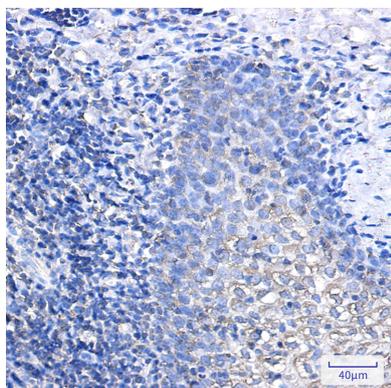
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Immunocytochemistry analysis of IL 1 Receptor Antagonist Protein (green) in HEPG2 using IL 1 Receptor Antagonist Protein antibody, and DAPI (blue).



Western blot analysis of IL-1RA in K562, 3T3, HeLa lysates using IL-1RA antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using IL-1RA antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.