

IL-1RA Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57980**Specification**

IL-1RA Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P25085
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20274

IL-1RA Polyclonal Antibody - Additional Information**Gene ID** 16181**Other Names**

Interleukin-1 receptor antagonist protein, IL-1RN, IL-1ra, IRAP, IL1 inhibitor, Il1rn, Il-1ra

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

IL-1RA Polyclonal Antibody - Protein Information**Name** Il1rn**Synonyms** Il-1ra**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

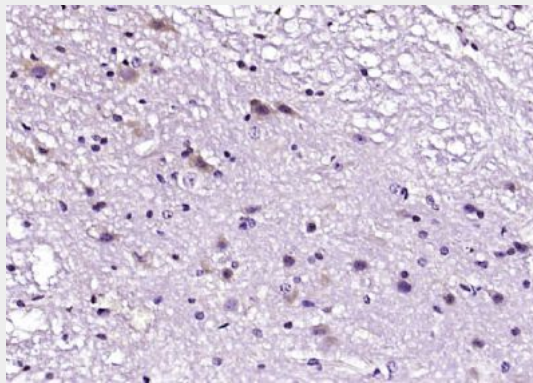
[Isoform 1]: Secreted {ECO:0000250|UniProtKB:P18510}

IL-1RA Polyclonal Antibody - Protocols

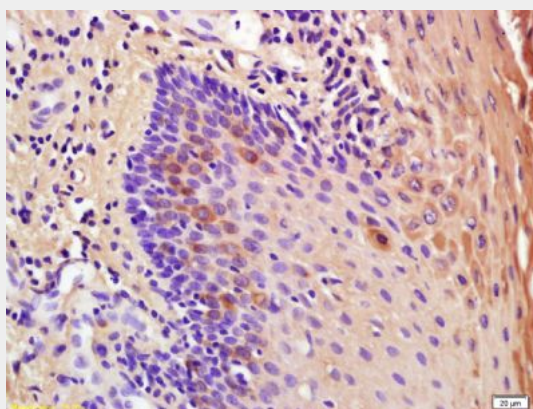
Provided below are standard protocols that you may find useful for product applications.

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

IL-1RA Polyclonal Antibody - Images



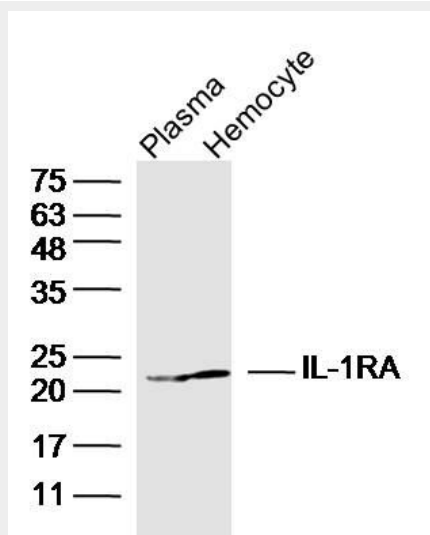
Paraformaldehyde-fixed, paraffin embedded (mouse spinal tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL-1RA) Polyclonal Antibody, Unconjugated (bs-2216R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



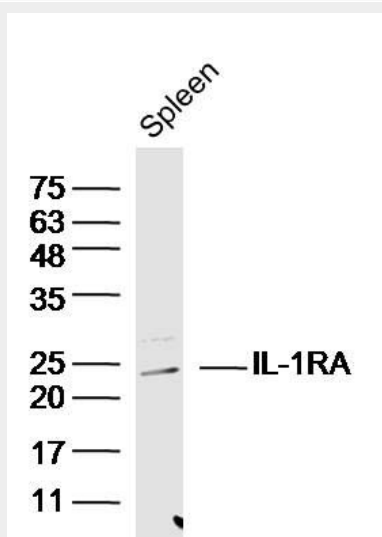
Tissue/cell: Human oral squamous cell carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-IL-1RA Polyclonal Antibody, Unconjugated(bs-2216R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Sample: Lane1:Plasma(Mouse) Tissue Lysate at 30 ug
Lane2:Hemocyte(Mouse) Tissue Lysate at 30 ug
Primary: Anti-IL-1RA (bs-2216R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 18 kD
Observed band size: 23 kD



Sample: Spleen(Mouse) Tissue Lysate at 30 ug
Primary: Anti-IL-1RA (bs-2216R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 18 kD
Observed band size: 23 kD