

## Interleukin-1 receptor antagonist Polyclonal Antibody

Catalog No: #42463

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

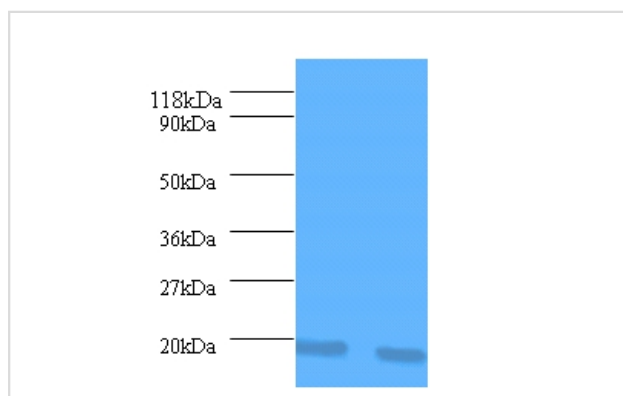
## Description

Product Name	Interleukin-1 receptor antagonist Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Interleukin-1 receptor antagonist polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Interleukin-1 receptor antagonist protein
Target Name	Interleukin-1 receptor antagonist
Other Names	ICIL-1RA, IL1 inhibitor, INN=Anakinra IL1RN, IL1F3, IL1RA
Accession No.	Swiss-Prot#: P18510
Uniprot	P18510
GeneID	3557;
Calculated MW	19kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □1:500 - 1:1000

## Images



All lanes : Interleukin-1 receptor antagonist antibody at 2ug/ml  
Lane 1 : EC109 whole cell lysate  
Lane 2 : 293T whole cell lysate  
Secondary  
Goat polyclonal to Rabbit IgG at 1/10000 dilution  
Predicted band size :19KDa  
Observed band size:19KDa

## Background

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. Binds functional interleukin-1 receptor IL1R1 with greater affinity than decoy receptor IL1R2; however, the physiological relevance of the latter association is unsure.

## References

---

[1] "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein."Carter D.B., Deibel M.R. Jr., Dunn C.J., Tomich C.S.C., Laborde A.L., Slightom J.L., Berger A.E., Bienkowski M.J., Sun F.F.,

---

Note: This product is for in vitro research use only