**Rabbit anti-** **human Interleukin-1 receptor antagonist polyclonal Antibody**

**Catalog Number:** **CSB-PA06677A0Rb**

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| **Synonym Names** | IL-1RN,IL-1ra,IRAP,ICIL-1RA,IL1 inhibitor,Anakinra,IL1RN,IL1F3, IL1RA |
| **Product type** | Primary antibodies |
| **Description** | Rabbit polyclonal to IL1RN |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Reacts with** | Human; Other species are not tested.Please decide the specificity by homology . |
| **Conjugate** | Non-conjugated |
| **Purity** | >95% by Caprylic Acid Ammonium Sulfate Precipitation |
| **Storage buffer** | Preservative: 0.03% Proclin 300  Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| **Storage** | Shipped at 4°C Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze. |
| **Form** | Liquid |
| **Raised in** | Rabbit |
| **Tested applications** | ELISA;Use at an assay dependent dilution.  WB:1:200-1:2000 (Recommender dilutions) |
| **Positive WB detected in** | EC109 whole cell lysate,293T whole cell lysate |
| **Images** | Western blot  **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 |
| **Function** | 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]"An autoinflammatory disease with deficiency of the interleukin-1-receptor antagonist."Aksentijevich I., Masters S.L., Ferguson P.J., Dancey P., Frenkel J., van Royen-Kerkhoff A., Laxer R., Tedgard U., Cowen E.W., Pham T.H., Booty M., Estes J.D., Sandler N.G., Plass N., Stone D.L., Turner M.L., Hill S., Butman J.A. Goldbach-Mansky R.N. Engl. J. Med. 360:2426-2437(2009).  [2]"Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry."Liu T., Qian W.-J., Gritsenko M.A., Camp D.G. II, Monroe M.E., Moore R.J., Smith R.D.J. Proteome Res. 4:2070-2080(2005).  [3]"A sequence-based map of the nine genes of the human interleukin-1 cluster."  Nicklin M.J.H., Barton J.L., Nguyen M., Fitzgerald M.G., Duff W.G., Kornman K.  Genomics 79:718-725(2002). |