



# IL-1RII Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-13734                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>                | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                   | IL1R2                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from the Internal region of human IL1R2. AA range:141-190                                                                                                                                                                                                         |
| <b>Specificity</b>                 | IL-1RII Polyclonal Antibody detects endogenous levels of IL-1RII protein.                                                                                                                                                                                                                                                        |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                            |
| <b>Dilution</b>                    | WB: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000.. IF 1:50-200                                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>                    | Il1rb;IL-1R-2;Il1r2;IL-1 type II receptor;CD121b;IL-1RII;Interleukin-1 receptor type 2;IL-1RT-2;IL-1RT2;CD121 antigen-like family member B;CDw121b; Interleukin-1 receptor beta;IL-1R-beta;Interleukin-1 receptor type II                                                                                                        |
| <b>Observed Band</b>               | 43kD                                                                                                                                                                                                                                                                                                                             |
| <b>Calculated Molecular Weight</b> | 43kD                                                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>                | [Isoform Short]: Secreted .; [Isoform Long]: Cell membrane; Single-pass type I membrane protein.                                                                                                                                                                                                                                 |
| <b>Tissue Specificity</b>          | B-cell,Colon,Ovary,                                                                                                                                                                                                                                                                                                              |
| <b>Function</b>                    | function:Receptor for interleukin-1 alpha (IL-1A), beta (IL-1B), and interleukin-1 receptor antagonist protein (IL-1ra).,similarity:Belongs to the interleukin-1 receptor family.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,                                                                          |
| <b>Background</b>                  | The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity of its ligands. Interleukin 4 (IL4) is |



reported to antagonize the activity of interleukin 1 by inducing the expression and release of this cytokine. This gene and three other genes form a cytokine receptor gene cluster on chromosome 2q12. Alternative splicing results in multiple transcript variants and protein isoforms. Alternative splicing produces both membrane-bound and soluble proteins. A soluble protein is also produced by proteolytic cleavage. [provided by RefSeq, May 2012],

**matters needing attention**

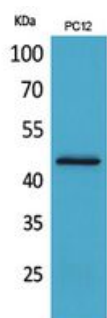
Avoid repeated freezing and thawing!

**Usage suggestions**

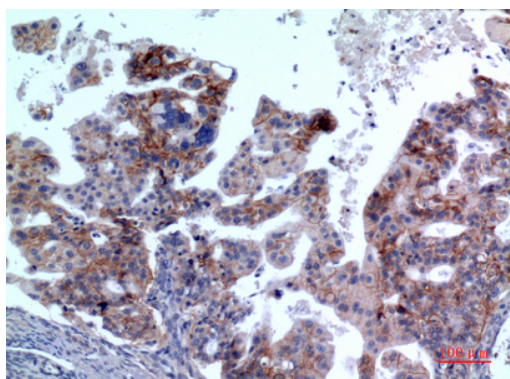
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



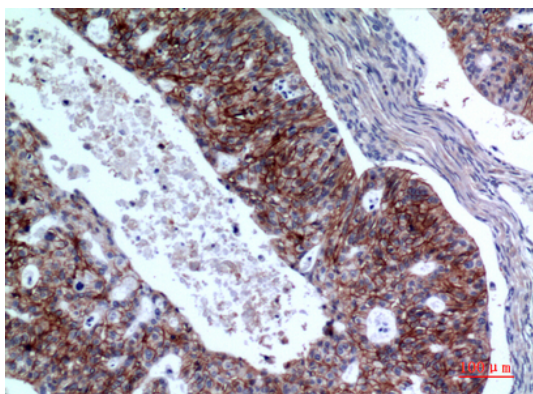
## Products Images



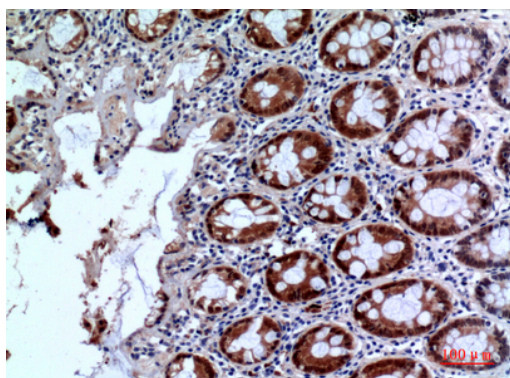
Western Blot analysis of PC12 cells using IL-1RII Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



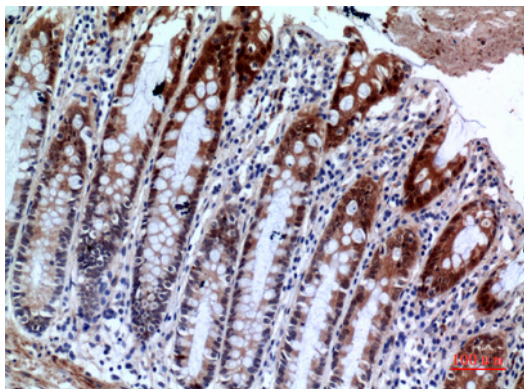
Immunohistochemical analysis of paraffin-embedded human-Ovarian-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-Ovarian-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100