

## IL-5 Polyclonal Antibody

Cat No: HR1AP3729

For research use only

### Overview

|                       |  |
|-----------------------|--|
| Product Name          | IL-5 Polyclonal Antibody   |
| Source                | Rabbit   |
| Applications          | WB,IHC-p,ELISA   |
| Species Reactivity    | Human,Mouse,Rat  |
| Recommended Dilutions |  |
| Immunogen             |  |
| Species               | Rabbit   |
| Storage               | -20°C/1 year   |
| Isotype               |  |
| Clonality             |  |
| Concentration         | 1 mg/ml  |
| Observed band         | 30kDa  |
| GeneID?Human?         | IL5  |
| Human Swiss-Prot No.  |  |
| Cellular localization |  |
| Alternative Names     | IL5; Interleukin-5; IL-5; B-cell differentiation factor I; Eosinophil differentiation factor; T-cell replacing factor; TRF   |
| Background            | <p>interleukin 5(IL5) Homo sapiens This gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. The encoded cytokine plays a major role in the regulation of eosinophil formation, maturation, recruitment and survival. The increased production of this cytokine may be related to pathogenesis of eosinophil-dependent inflammatory diseases. This cytokine functions by binding to its receptor, which is a heterodimer, whose beta subunit is shared with the receptors for interleukine 3 (IL3) and colony stimulating factor 2 (CSF2/GM-CSF). This gene is located on chromosome 5 within a cytokine gene cluster which includes interleukin 4 (IL4), interleukin 13 (IL13), and CSF2 . This gene, IL4, and IL13 may be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31. [provided by RefSeq, Jul 2013],</p> |