

# IL12RB2 Polyclonal Antibody

Catalog Number:E-AB-13323

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

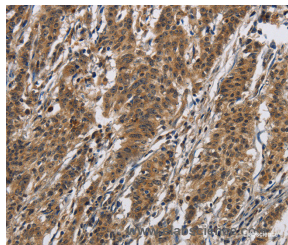
## Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human   |
| <b>Immunogen</b>    | Synthetic peptide of human IL12RB2                  |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | IgG   |
| <b>Purification</b> | Affinity purification                               |
| <b>Conjugation</b>  | Unconjugated  |
| <b>Formulation</b>  | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

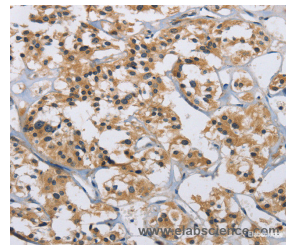
## Applications Recommended Dilution

|            |            |
|------------|------------|
| <b>IHC</b> | 1:50-1:200 |
|------------|------------|

## Data



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using IL12RB2 Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using IL12RB2 Polyclonal Antibody at dilution 1:40

## Preparation & Storage

|                |   |
|----------------|---|
| <b>Storage</b> | Store at -20°C. Avoid freeze / thaw cycles. |
|----------------|---|

## Background

The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. Several transcript variants encoding different isoforms and non-protein coding transcripts have been found for this gene.

## For Research Use Only

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Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017