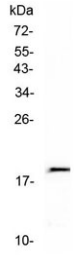
# IL-32 Antibody (RQ4344)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4344 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| **UniProt** | P24001 |
| **Localization** | Secreted |
| **Applications** | Western blot: 0.5-1ug/ml (recombinant human protein)<br>ELISA (Capture; recombinant human protein): 1-5ug/ml |
| **Limitations** | This IL-32 antibody is available for research use only. |




Western blot testing of recombinant human protein (1ng/lane) with IL-32 antibody at 0.5ug/ml.

## Description

Interleukin 32 is a protein that in humans is encoded by the IL32 gene. This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells.

Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

## Application Notes

Optimal dilution of the IL-32 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids A31-K234 was used as the immunogen for the IL-32 antibody.

## Storage

After reconstitution, the IL-32 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.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