For Research Use Only

## IL-7 Polyclonal antibody

Catalog Number:14280-1-AP



| Basic Information      | Catalog Number:<br>14280-1-AP  | GenBank Accession Number:<br>BC047698 | Purification Method:<br>Antigen affinity purification |
|------------------------|--|---------------------------------------|---|
|                        | Size:<br>N/A   | GeneID (NCBI):<br>3574                |   |
|                        | Source:<br>Rabbit  | UNIPROT ID:<br>P13232                 |   |
|                        | Isotype:<br>IgG  | Full Name:<br>interleukin 7           |   |
|                        | Immunogen Catalog Number:<br>AG5437  | Calculated MW:<br>20 kDa              |   |
| Applications           | Tested Applications:<br>ELISA  |                                       |   |
|                        | Species Specificity:<br>human  |                                       |   |
| Background Information | Interleukin-7 (IL7) is a cytokine mportant for B and T cell development. IL7 plays an active role in the development, survival, maintaining and restoring homeostasis of mature T lymphocytes. It is also a key regulator of the commitment, survival, proliferation and maturation of B cells during development. Furthermore, IL7 can improve the antiviral function and expansion of natural killer (NK) cells and regulate the development and differentiation of dendritic cells. IL7 has also been reported as a regulator of the development of central nervous system and myogenesis and skeletal muscle cell migration. |                                       |   |
| Storage                | Storage:<br>Store at -20°C. Stable for one year af<br>Storage Buffer:<br>PBS with 0.02% sodium azide and 50<br>Aliquoting is unnecessary for -20°C s   | 9% glycerol pH 7.3.                   |   |
|                        |  |                                       |   |

 For technical support and original validation data for this product please contact:

 T: 4006900926
 E: Proteintech-CN@ptglab.com
 W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer. Selected Validation Data