

## Rabbit IL-15 Polyclonal Antibody | anti-IL-15 antibody

IL-15 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                    |
|-----------|--------|-------------------|-------------------------------------------------|
| AAA318832 | Rabbit | Human, Rat, Mouse | ELISA, Immunofluorescence, Immunohistochemistry |

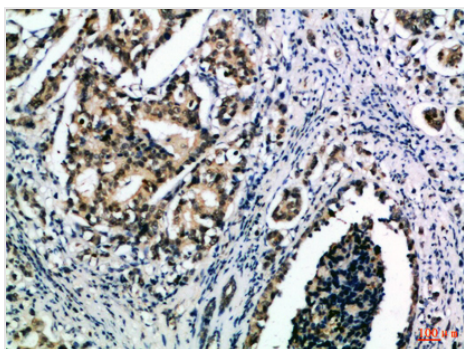
### PRODUCT SYNONYMS

IL-15; Polyclonal Antibody; IL-15 Rabbit Polyclonal Antibody; Interleukin-15 (IL-15); BH6842; anti-IL-15 antibody

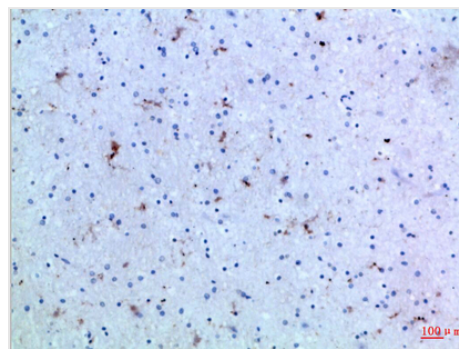
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                |
| Reactivity                                      | Human, Rat, Mouse                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                            |
| Specificity                                     | The antibody detects endogenous IL-15                                                                                 |
| Purity/Purification                             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Form/Format                                     | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                               |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                |
| Applicable Applications for anti-IL-15 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)                                                            |
| Immunogen                                       | Synthetic peptide from human protein at AA range: 111-160                                                             |
| Modification                                    | Unmodified/Total                                                                                                      |
| Preparation and Storage                         | Store at -20 degree C/1 year                                                                                          |

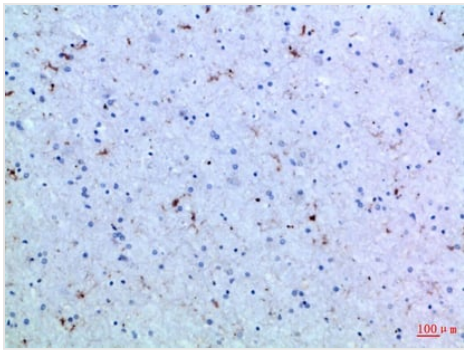
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human-breast-cancer, antibody was diluted at 1:100


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded Human-brain, antibody was diluted at 1:100

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-IL-15 antibody</b> | <p>The protein encoded by this gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x (L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Alternatively spliced transcript variants of this gene have been reported. [provided by RefSeq, Feb</p> |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 10835153                                               |
| NCBI GeneID                      | 3600                                                   |
| NCBI Accession #                 | NP_000576.1                                            |
| NCBI GenBank Nucleotide #        | NM_000585.4                                            |
| UniProt Accession #              | P40933; O00440; O43512; Q495Z8; Q93058; Q9UBA3; D3DNZ2 |
| Molecular Weight                 | 162                                                    |
| NCBI Official Full Name          | interleukin-15 isoform 1 preproprotein                 |
| NCBI Official Synonym Full Names | interleukin 15                                         |
| NCBI Official Symbol             | IL15                                                   |
| NCBI Official Synonym Symbols    | IL-15                                                  |
| NCBI Protein Information         | interleukin-15                                         |
| UniProt Protein Name             | Interleukin-15                                         |
| UniProt Gene Name                | <b>IL15</b>                                            |
| UniProt Synonym Gene Names       | IL-15                                                  |
| UniProt Entry Name               | IL15_HUMAN                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.