

## Rabbit anti-Human IL-18BP Polyclonal Antibody | anti-IL18BP antibody

Anti-IL-18BP Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA261888 | Rabbit | Human      | Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

IL-18BP; Polyclonal Antibody; Anti-IL-18BP Antibody; Interleukin-18-binding protein; Tadekinig-alfa; anti-IL18BP antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                     |
| Specificity                                      | Recognizes endogenous levels of IL-18BP protein.                                                               |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                      | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                  | 194                                                                                                            |
| Applicable Applications for anti-IL18BP antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)              |
| Immunogen                                        | Recombinant full length protein of human IL-18BP                                                               |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



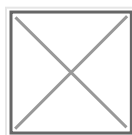
#### IF (Immunofluorescence)

Immunofluorescent analysis of IL-18BP staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of IL-18BP staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of IL-18BP expression in Hela (A) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                      |                                       |
|------------------------------------------------------|---------------------------------------|
| Related Product Information for anti-IL18BP antibody | Rabbit polyclonal antibody to IL-18BP |
|------------------------------------------------------|---------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 89111125                                               |
| NCBI GeneID                      | 10068                                                  |
| NCBI Accession #                 | NP_001034748.1                                         |
| NCBI GenBank Nucleotide #        | NM_001039659.1                                         |
| UniProt Accession #              | O95998; O95993; O96027; Q9NZA9; Q9UBR7; B3KUZ0; B7WPK4 |
| Molecular Weight                 | 17,478 Da                                              |
| NCBI Official Full Name          | interleukin-18-binding protein isoform a               |
| NCBI Official Synonym Full Names | interleukin 18 binding protein                         |
| NCBI Official Symbol             | IL18BP                                                 |
| NCBI Official Synonym Symbols    | IL18BPa                                                |
| NCBI Protein Information         | interleukin-18-binding protein                         |
| UniProt Protein Name             | Interleukin-18-binding protein                         |
| UniProt Gene Name                | <b>IL18BP</b>                                          |
| UniProt Synonym Gene Names       | IL-18BP                                                |
| UniProt Entry Name               | I18BP_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.

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