

## Rabbit anti-Human Defensin alpha 1 Polyclonal Antibody | anti-DEFA1 antibody

Defensin alpha 1 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA285643</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

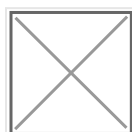
### PRODUCT SYNONYMS

Defensin alpha 1; Polyclonal Antibody; Defensin alpha 1 Antibody; Neutrophil defensin 1; Defensin; alpha 1; HNP-1; HP-1; HP1; HP 1-56; Neutrophil defensin 2; HNP-2; HP-2; HP2; DEFA1; DEF1; DEFA2; MRS; anti-DEFA1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                              |
|-------------------------------------------------|--------------------------------------------------------------|
| Host                                            | Rabbit                                                       |
| Reactivity                                      | Human                                                        |
| Clonality                                       | Polyclonal                                                   |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                    |
| Form/Format                                     | 0.01M PBS, pH 7.2, 0.1% Sodium azide, Glycerol 50%           |
| Applicable Applications for anti-DEFA1 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)         |
| Cellular Location                               | Secreted                                                     |
| Preparation and Storage                         | Store at -20°C.<br>Stable for 12 months from date of receipt |

### IMAGES



#### WB (Western Blot)

Anti-Defensin alpha 1 Antibody at 1:1000 dilution + human spleen lysates/lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 10 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DEFA1 antibody | Defensin 1 and defensin 2 have antibacterial, fungicide and antiviral activities. Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane.                                           |
| Product Categories/Family for anti-DEFA1 antibody   | <a href="#">Immunology</a> ; <a href="#">Neuroscience</a>                                                                                                                                                                                                                                |
| References                                          | Daher K.A., et al. Proc. Natl. Acad. Sci. U.S.A. 85:7327-7331(1988).<br>Mars W.M., et al. Blood 71:1713-1719(1988).<br>Wiedemann L.M., et al. Leukemia 3:227-234(1989).<br>Mars W.M., et al. J. Biol. Chem. 270:30371-30376(1995).<br>Linzmeier R., et al. FEBS Lett. 321:267-273(1993). |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 124248516                                     |
| NCBI GeneID                      | 1667                                          |
| NCBI Accession #                 | NP_001035965.1                                |
| NCBI GenBank Nucleotide #        | NM_001042500.1                                |
| UniProt Accession #              | P59665; P11479; Q14125; Q6EZF6                |
| Molecular Weight                 | 10 kDa                                        |
| NCBI Official Full Name          | neutrophil defensin 1 isoform 2 preproprotein |
| NCBI Official Synonym Full Names | defensin, alpha 1B                            |
| NCBI Official Symbol             | DEFA1B                                        |
| NCBI Official Synonym Symbols    | HP1; HP-1; HNP-1                              |
| NCBI Protein Information         | neutrophil defensin 1                         |
| UniProt Protein Name             | Neutrophil defensin 1                         |
| UniProt Gene Name                | DEFA1                                         |
| UniProt Synonym Gene Names       | DEF1; DEFA2; MRS; HP-1; HP1; HP-2; HP2        |
| UniProt Entry Name               | DEF1_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/defensin-alpha-1-antibody-immunohistochemistry-western-blot-elisa/285643>