

## anti-Human Laminin beta 1 Polyclonal Antibody | anti-LAMB1 antibody

Anti-Laminin beta 1 Antibody

|                               |                            |                                                           |
|-------------------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA259580</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

Laminin beta 1; Polyclonal Antibody; Anti-Laminin beta 1 Antibody; Laminin subunit beta-1; Laminin B1 chain; Laminin-1 subunit beta; Laminin-10 subunit beta; Laminin-12 subunit beta; Laminin-2 subunit beta; Laminin-6 subunit beta; Laminin-8 subunit beta; anti-LAMB1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human                                                                                                                                         |
| Clonality                                       | Polyclonal                                                                                                                                    |
| Specificity                                     | Recognizes endogenous levels of Laminin beta 1 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                                 | 1786                                                                                                                                          |
| Applicable Applications for anti-LAMB1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                 |
| Source                                          | Rabbit                                                                                                                                        |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Laminin beta 1. The exact sequence is proprietary. |
| 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



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Laminin beta 1 staining in human breast cancer 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 Laminin beta 1 expression in A431 (A), SW480 (B), PC3 (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                     |                                              |
|-----------------------------------------------------|----------------------------------------------|
| Related Product Information for anti-LAMB1 antibody | Rabbit polyclonal antibody to Laminin beta 1 |
|-----------------------------------------------------|----------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |           |
|-----------|-----------|
| NCBI GI # | 167614504 |
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|                                  |                        |
|----------------------------------|------------------------|
| NCBI GeneID                      | 3912                   |
| NCBI Accession #                 | NP_002282.2            |
| NCBI GenBank Nucleotide #        | NM_002291.2            |
| UniProt Accession #              | P07942; Q14D91         |
| NCBI Official Full Name          | laminin subunit beta-1 |
| NCBI Official Synonym Full Names | laminin, beta 1        |
| NCBI Official Symbol             | LAMB1                  |
| NCBI Official Synonym Symbols    | CLM; LIS5              |
| NCBI Protein Information         | laminin subunit beta-1 |
| UniProt Protein Name             | Laminin subunit beta-1 |
| UniProt Gene Name                | LAMB1                  |
| UniProt Entry Name               | LAMB1_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/laminin-beta-1-antibody-immunohistochemistry-western-blot-elisa/259580>