

## Rabbit LAMB2 Polyclonal Antibody | anti-LAMB2 antibody

LAMB2 Antibody

|                               |                       |                                        |                                                                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA327592</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunocytochemistry, Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------------------------------------------------|

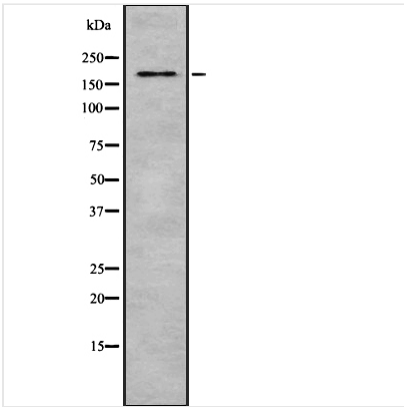
### PRODUCT SYNONYMS

LAMB2; Polyclonal Antibody; LAMB2 Antibody; Lamb2; LAMB2\_HUMAN; Laminin B1s chain; Laminin beta 2; laminin S; Laminin subunit beta 2; Laminin subunit beta-2; laminin; beta 2 (laminin S); Laminin-11 subunit beta; Laminin-14 subunit beta; Laminin-15 subunit beta; Laminin-3 subunit beta; Laminin-4 subunit beta; Laminin-7 subunit beta; Laminin-9 subunit beta; LAMS; NPHS5; S laminin; S-LAM beta; S-laminin subunit beta; anti-LAMB2 antibody

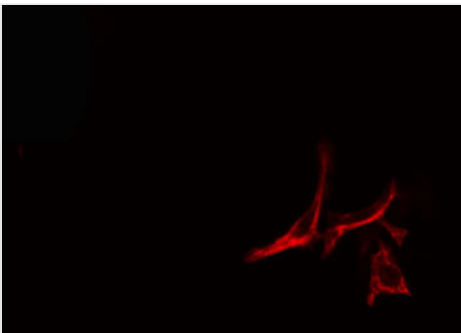
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                        |
| Reactivity                                      | Human, Mouse, Rat                                                                             |
| Clonality                                       | Polyclonal                                                                                    |
| Isotype                                         | IgG                                                                                           |
| Specificity                                     | LAMB2 antibody detects endogenous levels of total LAMB2                                       |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                     | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                 | 1798                                                                                          |
| Applicable Applications for anti-LAMB2 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                       | A synthesized peptide derived from human LAMB2                                                |
| Subcellular Location                            | Extracellular Region or Secreted                                                              |
| Predicted Cross Reactivity                      | <b>Pig, Bovine, Horse, Sheep, Rabbit, Dog</b>                                                 |
| Similarity                                      | Pig (100%), Bovine (100%), Horse (100%), Sheep (90%), Rabbit (100%), Dog (100%)               |
| Conjugation                                     | Unconjugated                                                                                  |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

IMAGES



**WB (Western Blot)**  
Western blot analysis of LAMB2 using HeLa whole cell lysates



**IF (Immunofluorescence)**  
AAA327592 staining RAW264.7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-LAMB2 antibody</b> | <p>Function: Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.</p> <p>Subunit Structure: Laminin is a complex glycoprotein, consisting of three different polypeptide chains (alpha, beta, gamma), which are bound to each other by disulfide bonds into a cross-shaped molecule comprising one long and three short arms with globules at each end. Beta-2 is a subunit of laminin-3 (laminin-121 or S-laminin), laminin-4 (laminin-221 or S-merosin), laminin-7 (laminin-321 or KS-laminin), laminin-9 (laminin-421), laminin-11 (laminin-521), laminin-14 (laminin-423) and laminin-15 (laminin-523).</p> <p>Similarity: The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure.Domains VI and IV are globular.</p> |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 119703755                               |
| NCBI GeneID                      | 3913                                    |
| NCBI Accession #                 | NP_002283.3                             |
| NCBI GenBank Nucleotide #        | NM_002292.3                             |
| UniProt Accession #              | P55268; Q16321                          |
| Molecular Weight                 | Observed: 195 kDa<br>Predicted: 196 kDa |
| NCBI Official Full Name          | laminin subunit beta-2                  |
| NCBI Official Synonym Full Names | laminin subunit beta 2                  |
| NCBI Official Symbol             | LAMB2                                   |
| NCBI Official Synonym Symbols    | LAMS; NPHS5                             |
| NCBI Protein Information         | laminin subunit beta-2                  |
| UniProt Protein Name             | Laminin subunit beta-2                  |
| UniProt Gene Name                | LAMB2                                   |
| UniProt Synonym Gene Names       | LAMS; S-LAM beta                        |

**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/lamb2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327592>