

## Rabbit Laminin Alpha 4 (LAMa4) Polyclonal Antibody | anti-LAMa4 antibody

Polyclonal Antibody to Laminin Alpha 4 (LAMa4)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA131148 | Rabbit | Mouse, Human, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

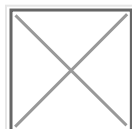
### PRODUCT SYNONYMS

Laminin Alpha 4 (LAMa4); Polyclonal Antibody; Polyclonal Antibody to Laminin Alpha 4 (LAMa4); anti-LAMa4 antibody

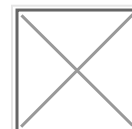
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                        |
| Reactivity                                      | Mouse, Human, Rat                                                                                                                                                                                                                                                                                                                             |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                    |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against LAMa4. It has been selected for its ability to recognize LAMa4 in immunohistochemical staining and western blotting.                                                                                                                                                              |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                       |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                     |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                      |
| Sequence                                        | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGSE F-TTPMANNL SNWSQNLQTF DSSAYNTAVD SARDAVRNLT EVVPQLLDQL RTVEQKRPAS<br>NISASIQRIR ELIAQTRSVA SKIQVSMDFD QSAVEVHPK VSVDDLKFT SISLYMKPPP KPAEPTGAWV<br>ADQFVLYLGS KNAKKEYMGL AIKNDNLVYV YNLGMKDVEI LLDSKPVSSW PAYFSIVKIE RVGKHGKV |
| Sequence Length                                 | 1816                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-LAMa4 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                               |
| Immunogen                                       | Recombinant LAMa4 (Thr745~Val940) expressed in E.coli.                                                                                                                                                                                                                                                                                        |
| Cross Reactivity                                | Mouse                                                                                                                                                                                                                                                                                                                                         |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                         |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                 |

### IMAGES



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Skeletal Muscle Tissue.



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Liver Tissue.



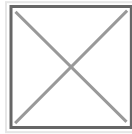
#### IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Mouse Brain Tissue.



#### IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Mouse Heart Tissue



#### WB (Western Blot)

Western Blot: Sample: Recombinant LAMA4, Mouse.

## NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 148747408                      |
| NCBI GeneID                      | 16775                          |
| NCBI Accession #                 | NP_034811.2                    |
| NCBI GenBank Nucleotide #        | NM_010681.4                    |
| UniProt Accession #              | P97927; O88785; P70409; Q14BF2 |
| Molecular Weight                 | 201,819 Da                     |
| NCBI Official Full Name          | laminin subunit alpha-4        |
| NCBI Official Synonym Full Names | laminin, alpha 4               |
| NCBI Official Symbol             | Lama4                          |
| NCBI Protein Information         | laminin subunit alpha-4        |
| UniProt Protein Name             | Laminin subunit alpha-4        |
| UniProt Gene Name                | Lama4                          |

**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-alpha-4-lama4-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131148>