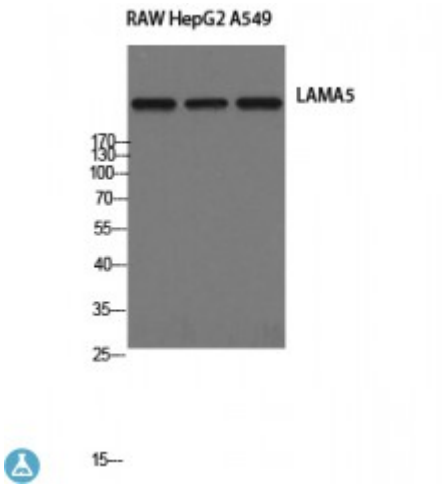
# Anti-Laminin alpha-5 antibody

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| **Description** | Rabbit polyclonal to Laminin alpha-5. |

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| **Model** | STJ93892 |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Applications** | ELISA, IHC, WB |
| **Immunogen** | Synthesized peptide derived from human Laminin alpha-5 |
| **Immunogen Region** | 2350-2430 aa, Internal |
| **Gene ID** | 3911 |
| **Gene Symbol** | LAMA5 |
| **Dilution range** | WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000 |
| **Specificity** | Laminin alpha-5 Polyclonal Antibody detects endogenous levels of Laminin alpha-5 protein. |
| **Tissue Specificity** | Expressed in heart, lung, kidney, skeletal muscle, pancreas, retina and placenta. Little or no expression in brain and liver. |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Laminin subunit alpha-5 Laminin-10 subunit alpha Laminin-11 subunit alpha Laminin-15 subunit alpha |
| **Molecular Weight** | 400 kDa |

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| **Clonality** | Polyclonal |
| **Conjugation** | Unconjugated |
| **Isotype** | IgG |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Concentration** | 1 mg/ml |
| **Storage Instruction** | Store at -20°C, and avoid repeat freeze-thaw cycles. |
| **Database Links** | HGNC:6485OMIM:601033 |
| **Alternative Names** | Laminin subunit alpha-5 Laminin-10 subunit alpha Laminin-11 subunit alpha Laminin-15 subunit alpha |
| **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. |
| **Sequence and Domain Family** | Domain G is globular and is part of the major cell-binding site located in the long arm of the laminin heterotrimer. |
| **Cellular Localization** | Secreted, extracellular space, extracellular matrix, basement membrane. Major component. |

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