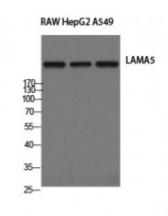


Anti-Laminin alpha-5 antibody





Description Rabbit polyclonal to Laminin alpha-5.

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 <u>3911</u>

Gene Symbol <u>LAMA5</u>

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

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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