

Anti-Laminin alpha-2 antibody



Description Rabbit polyclonal to Laminin alpha-2.

Model STJ93889

Host Rabbit

Reactivity Human, Mouse **Applications** ELISA, IF, IHC

Immunogen Synthesized peptide derived from human Laminin alpha-2

Immunogen Region 1980-2060 aa, Internal

Gene ID <u>3908</u>

Gene Symbol <u>LAMA2</u>

Dilution range IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000

Specificity Laminin alpha-2 Polyclonal Antibody detects endogenous levels of Laminin

alpha-2 protein.

Tissue Specificity Placenta, striated muscle, peripheral nerve, cardiac muscle, pancreas, lung,

spleen, kidney, adrenal gland, skin, testis, meninges, choroid plexus, and some

other regions of the brain; not in liver, thymus and bone.

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-2 Laminin M chain Laminin-12 subunit alpha

Laminin-2 subunit alpha Laminin-4 subunit alpha Merosin heavy chain

Molecular Weight 342.771 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:64820MIM:156225

Alternative Names Laminin subunit alpha-2 Laminin M chain Laminin-12 subunit alpha

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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 The alpha-helical domains I and II are thought to interact with other laminin

chains to form a coiled coil structure.; Domains VI, IV and G are globular.

Cellular Localization Secreted, extracellular space, extracellular matrix, basement membrane. Major

component.

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