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	3908
Gene Symbol	LAMA2
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:6482OMIM:156225
Alternative Names	Laminin subunit alpha-2 Laminin M chain Laminin-12 subunit alpha Laminin-2 subunit alpha Laminin-4 subunit alpha Merosin heavy chain
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.