Laminin β1 polyclonal antibody

Catalog: BS90785 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

Laminins are essential and abundant structural non-collagenous glyco- proteins localizing to basement membranes. Basement membranes (cell-associated extracellular matrices (ECMs)) are polymers of laminins with stabilizing type IV collagen networks, nidogen, and several proteoglycans. Basement membranes are found under epithelial layers, around the endothelium of blood vessels, and surrounding muscle, peripheral nerve, and fat cells. Formation of basement membranes influences cell proliferation, phenotype, migration, gene expression, and tissue architecture. Each laminin is a heterotrimer of a, b, and g chain subunits that undergoes cell-secretion and incorporation into the ECM. Laminins can self-assemble, bind to other matrix macromolecules, and have unique and shared cell interactions mediated by integrins, dystroglycan, and cognate laminin receptors. The human Laminin b-1 gene maps to chromosome 7q22 and is ubiquitously expressed in tissues that produce basement membranes.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

198 kDa

Swiss-Prot:

P07942(Human) P02469(Mouse) EntrezGene:298941(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000

FC:1:50-1:100

IHC:1:100-1:500

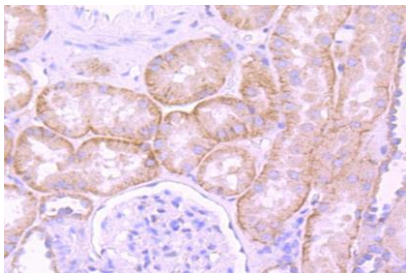
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

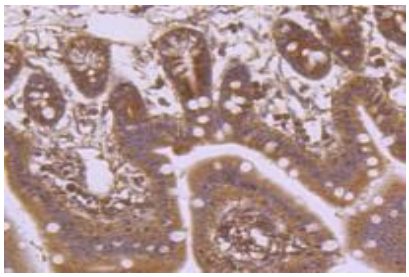
Specificity:

Laminin β1 polyclonal antibody detects endogenous levels of Laminin β1 protein.

DATA:



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Laminin beta 1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Laminin beta 1 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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