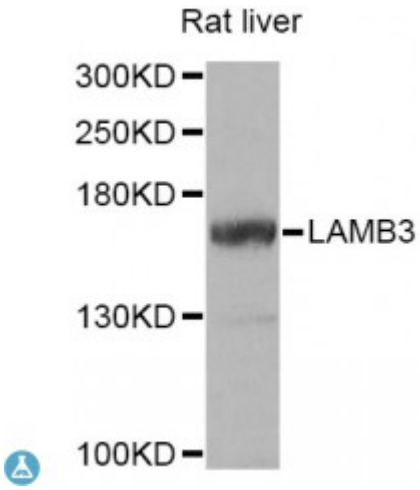
Anti-LAMB3 Antibody



Description	The product encoded by this gene is a laminin that belongs to a family of basement membrane proteins. This protein is a beta subunit laminin, which together with an alpha and a gamma subunit, forms laminin-5. Mutations in this gene cause epidermolysis bullosa junctional Herlitz type, and generalized atrophic benign epidermolysis bullosa, diseases that are characterized by blistering of the skin. Multiple alternatively spliced transcript variants that encode the same protein have been found for this gene.

Model	STJ115619
Host	Rabbit
Reactivity	Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 18-230 of human LAMB3 (NP_000219.2).
Gene ID	3914
Gene Symbol	LAMB3
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Found in the basement membranes (major component)
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Laminin subunit beta-3 Epiligrin subunit bata Kalinin B1 chain Kalinin subunit beta Laminin B1k chain Laminin-5 subunit beta Nicein subunit beta

Molecular Weight	129.572 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6490OMIM:104530Reactome:R-HSA-1474228
Alternative Names	Laminin subunit beta-3 Epiligrin subunit bata Kalinin B1 chain Kalinin subunit beta Laminin B1k chain Laminin-5 subunit beta Nicein subunit beta
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
Cellular Localization	Secreted, extracellular space, extracellular matrix, basement membrane