



Anti-LAMB3 (aa 1064-1171) polyclonal antibody (DPAB-DC1822)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.
Immunogen	LAMB3 (NP_000219, 1064 a.a. ~ 1171 a.a) partial recombinant protein with GST tag. The sequence is AEGASEQALSAQEGFERIKQKYAELKDRLGQSSMLGEQGARIQSVKTEAEELFGETMEMM DRMKDMELELLRGSQAIMLRSADLTGLEKRVEQIRDHINGRVLYYATC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	LAMB3 laminin, beta 3 [Homo sapiens (human)]
Official Symbol	LAMB3
Synonyms	LAMB3; laminin, beta 3; LAM5; LAMNB1; BM600-125KDA; laminin subunit beta-3; nicein-125kDa; kalinin-140kDa; kalinin B1 chain; laminin B1k chain; laminin S B3 chain; nicein subunit beta; kalinin subunit beta; epiligrin subunit bata; laminin-5 subunit beta; laminin, beta 3 (nicein (125kD), kalinin (140kD), BM600 (125kD));
Entrez Gene ID	3914
Protein Refseq	NP_000219
UniProt ID	Q13751
Chromosome Location	1q32
Pathway	Alpha6-Beta4 Integrin Signaling Pathway; Anchoring fibril formation; Cell junction organization; Collagen formation
Function	protein binding; protein complex binding; structural molecule activity;