



Datasheet for ABIN7180195

anti-Laminin beta 1 antibody (C-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	Laminin beta 1 (LAMB1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Laminin beta 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human LAMB1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Laminin beta 1 (LAMB1)
Alternative Name:	LAMB1 (LAMB1 Products)
Background:	Background: Binding to cells via a high affinity receptor, laminin is thought to mediate the

Target Details

attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Involved in the organization of the laminar architecture of cerebral cortex. It is probably required for the integrity of the basement membrane/glia limitans that serves as an anchor point for the endfeet of radial glial cells and as a physical barrier to migrating neurons. Radial glial cells play a central role in cerebral cortical development, where they act both as the proliferative unit of the cerebral cortex and a scaffold for neurons migrating toward the pial surface.

Vuolteenaho R., J. Biol. Chem. 265:15611-15616(1990).

Pikkarainen T., J. Biol. Chem. 262:10454-10462(1987).

Scherer S.W., Science 300:767-772(2003).

Aliases: CLM antibody, Cutis laxa with marfanoid phenotype antibody, LAM B1 antibody, LAMB 1 antibody, LAMB1 antibody, LAMB1_HUMAN antibody, Laminin B1 antibody, Laminin B1 chain antibody, Laminin beta 1 chain antibody, Laminin beta 1 chain precursor antibody, Laminin beta1 antibody, Laminin subunit beta 1 antibody, Laminin subunit beta-1 antibody, Laminin-1 subunit beta antibody, Laminin-10 subunit beta antibody, Laminin-12 subunit beta antibody, Laminin-2 subunit beta antibody, Laminin-6 subunit beta antibody, Laminin-8 subunit beta antibody, LIS5 antibody, MGC142015 antibody

UniProt: [P07942](#)

Application Details

Application Notes: WB:1:500-1:3000, IHC:1:50-1:100, IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Handling

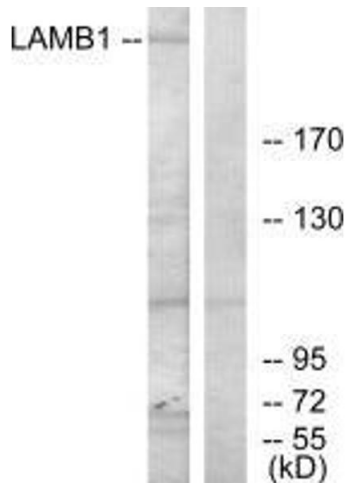
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



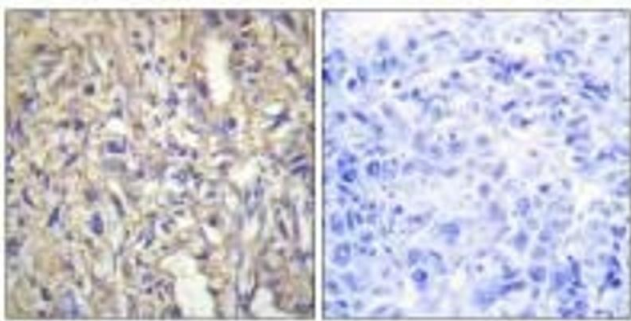
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using LAMB1 antibody.



Western Blotting

Image 2. Western blot analysis of extracts from HepG2 cells, using LAMB1 antibody.



Immunohistochemistry

Image 3. Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using LAMB1 antibody.