

Anti-Laminin β 1 Antibody

Catalog # ABV11975

Product Information

Application	WB, IHC, IF, E
Primary Accession	P07942
Reactivity	Human, Mouse
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	198038

Additional Information

Gene ID	3912
Positive Control	WB: HepG2 cell lysate
Application & Usage	WB 1:500-1:2000; IHC 1:100-1:300; IF 1:200-1:1000; E 1:10000
Other Names	LAMB1; Laminin subunit beta-1; Laminin B1 chain; Laminin-1 subunit beta; Laminin-10 subunit beta; Laminin-12 subunit beta; Laminin-2 subunit beta; Laminin-6 subunit beta; Laminin-8 subunit beta
Target/Specificity	LAMB1
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use
Reconstitution & Storage	-20°C
Background Descriptions	
Precautions	Anti-Laminin β 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

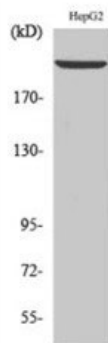
Name	LAMB1
Function	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Involved in the organization of the laminar architecture of the cerebral cortex (PubMed: 23472759). 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 (By similarity). 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 (By similarity). As a subunit of laminin-1 (also known as laminin-111 or EHS laminin), it is involved in the stimulation of agrin-induced receptor clustering through a MuSK-independent pathway (By similarity).

Cellular Location

Secreted, extracellular space, extracellular matrix, basement membrane.
Note=Major component

Images



WB analysis of HepG2 cell lysate using Laminin beta-1 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.