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Laminin beta 1 Antibody

Rabbit mAb
Catalog # AP91084

Product Information

Application	WB, FC
Primary Accession	P07942
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CLM; LAMB1; Laminin B1; Laminin beta 1 chain;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	198038

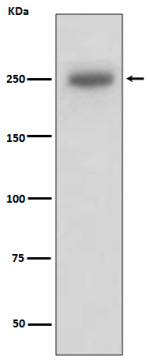
Additional Information

Dilution	WB 1:500~1:2000 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Laminin beta 1
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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



Western blot analysis of Laminin beta 1 expression in A431 cell lysate.

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