

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770)
Rabbit Polyclonal Antibody
Catalog # ALS14787**Specification**

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) - Product Information

Application	IF, WB, IHC
Primary Accession	P07942
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	198kDa KDa

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) - Additional Information**Gene ID** 3912**Other Names**

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, LAMB1

Target/Specificity

LAMB1 Antibody detects endogenous levels of total LAMB1 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) is for research use only and not for use in diagnostic or therapeutic procedures.

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) - 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 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.

Cellular Location

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

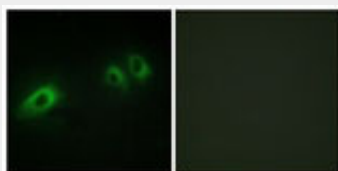
Volume
50 µl

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) - Protocols

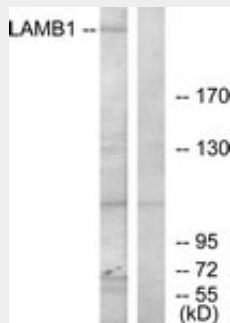
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

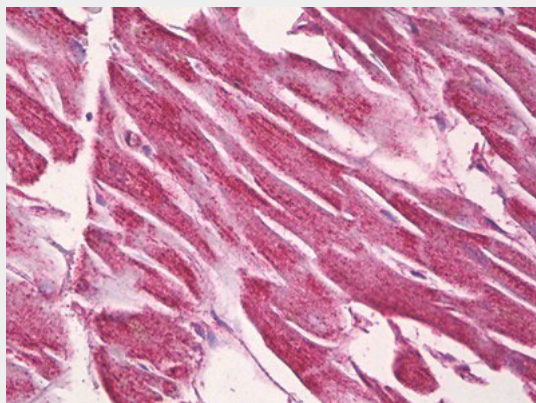
LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) - Images



Immunofluorescence of HeLa cells, using LAMB1 Antibody.



Western blot of extracts from HepG2 cells, using LAMB1 Antibody.



Anti-LAMB1 antibody IHC of human heart.

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) - Background

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 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.

LAMB1 / Laminin Beta 1 Antibody (aa1721-1770) - References

Vuolteenaho R.,et al.J. Biol. Chem. 265:15611-15616(1990).
Pikkarainen T.,et al.J. Biol. Chem. 262:10454-10462(1987).
Scherer S.W.,et al.Science 300:767-772(2003).
Jaye M.,et al.Am. J. Hum. Genet. 41:605-615(1987).
Liu T.,et al.J. Proteome Res. 4:2070-2080(2005).