Product Datasheet

LAMB1 Antibody

Catalog No: #34276

Package Size: #34276-1 50ul #34276-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	LAMB1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total LAMB1 protein
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human LAMB1.
Target Name	LAMB1
Other Names	Laminin subunit beta-1 [Precursor]; Laminin B1 chain; LAMB1;
Accession No.	Swiss-Prot: P07942NCBI Gene ID: 3912
Uniprot	P07942
GeneID	3912;
SDS-PAGE MW	220kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

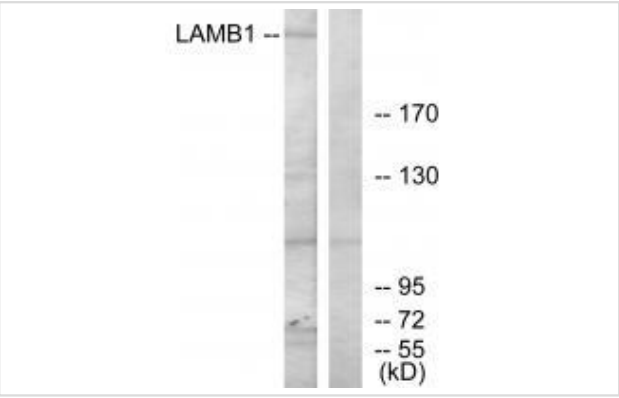
Application Details

Western blotting: 1:500~1:3000

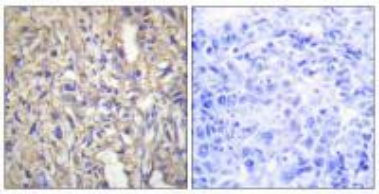
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

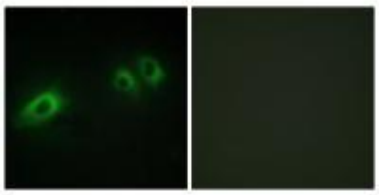
Images



Western blot analysis of extracts from HepG2 cells, using LAMB1 antibody #34276.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using LAMB1 antibody #34276.



Immunofluorescence analysis of HeLa cells, using LAMB1 antibody #34276.

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.

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).

Note: This product is for in vitro research use only