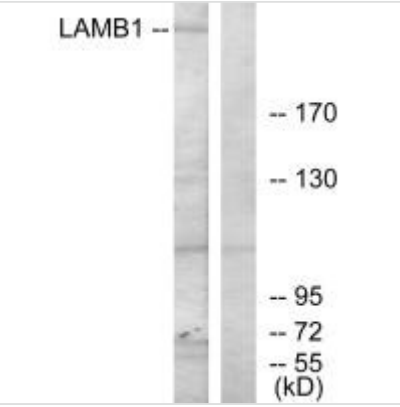
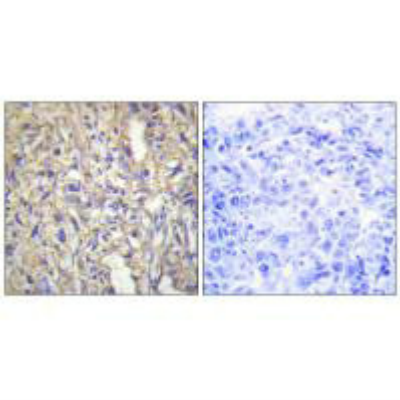
LAMB1 Antibody

Product Code	CSB-PA264957
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P07942
Immunogen	Synthesized peptide derived from C-terminal of Human LAMB1.
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous levels of total LAMB1 protein
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:3000,IHC:1:50-1:100,IF:1:100-1:500
Relevance	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).
Form	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Laminin subunit beta-1 [Precursor]; Laminin B1 chain; LAMB1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	LAMB1
Image	



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



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

Immunofluorescence analysis of HeLa cells, using LAMB1 antibody.