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anti-LAMC2 antibody (C-Term)

3 Images



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100 μg
LAMC2
C-Term
Human, Mouse, Rat
Rabbit
Polyclonal
This LAMC2 antibody is un-conjugated
Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
An amino acid sequence from the C-terminus of LAMC2 (ETSIDGILADVKNLENIRDNL) was
used as the immunogen for this LAMC2 antibody (100% homologous in human, mouse and
rat).
IgG
IgG Antigen affinity
Antigen affinity
Antigen affinity LAMC2

Target Details

constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. This gene encodes the gamma chain isoform laminin, gamma2. The gamma2 chain, formerly though to be a truncated version of beta chain(B2t), is highly homologous to the gamma1 chain, however, it lacks domain VI, and domains V, IV and III are shorter. It is expressed in several fetal tissues but differently from gamma1, and is specifically localized to epithelial cells in skin, lung and kidney. The epithelium-specific expression of the gamma 2 chain implied its role as an epithelium attachment molecule, and mutations in this gene have been associated with junctional epidermolysis bullosa, a skin disease characterized.

UniProt:

Q13753

Application Details

Application Notes:

The stated application concentrations are suggested starting amounts. Titration of the LAMC2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: $0.5-1 \,\mu\text{g/mL,IHC}$ (Paraffin): $0.5-1 \,\mu\text{g/mL}$

Restrictions:

For Research Use only

Handling

Buffer:

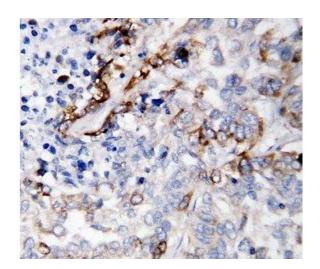
0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage:

-20 °C

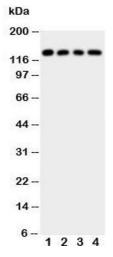
Storage Comment:

After reconstitution, the LAMC2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



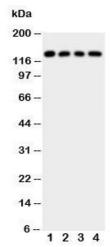
Immunohistochemistry

Image 1. IHC-P: LAMC2 antibody testing of human lung cancer tissue



Western Blotting

Image 2. Western blot testing of LAMC2 antibody and Lane 1: U87; 2: SMMC-7721; 3: HeLa; 4: SW620 cell lysate



Western Blotting

Image 3. Western blot testing of LAMC2 antibody and Lane 1: U87