

## Laminin 2 alpha Polyclonal Antibody

Catalog: BS65433

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Laminin, an extracellular protein, is a major component of the basement membrane. It is thought to mediate the attachment, migration, and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. It is composed of three subunits, alpha, beta, and gamma, which are bound to each other by disulfide bonds into a cross-shaped molecule. This gene encodes the alpha 2 chain, which constitutes one of the subunits of laminin 2 (merosin) and laminin 4 (s-merosin). Mutations in this gene have been identified as the cause of congenital merosin-deficient muscular dystrophy. Two transcript variants encoding different proteins have been found for this gene.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 343 kDa

### Swiss-Prot:

P24043

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

IF: 1:50~1:200

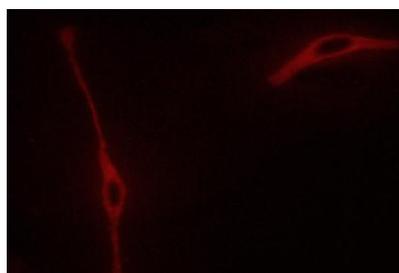
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

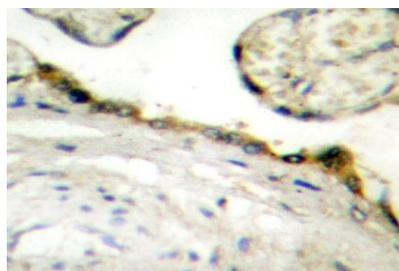
### Specificity:

Laminin 2 alpha Polyclonal Antibody detects endogenous levels of Laminin 2 alpha protein.

### DATA:



Immunofluorescence analysis of NIH3T3 cells using Laminin 2 alpha antibody at dilution of 1:50.



Immunohistochemistry of paraffin-embedded Human Placenta using Laminin 2 alpha antibody at dilution of 1:50.

### Note:

For research use only, not for use in diagnostic procedure.

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