

Anti-Laminin Picoband Antibody

Catalog # ABO13015

Product Information

Application	WB, IHC-P
Primary Accession	P02468
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Laminin subunit gamma-1&Laminin subunit gamma-2&Laminin subunit gamma-3(Lamc1 Lamc2 Lamc3) detection. Tested with WB, IHC-P in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Other Names	Laminin subunit gamma-1, Laminin B2 chain, Laminin-1 subunit gamma, Laminin-10 subunit gamma, Laminin-11 subunit gamma, Laminin-2 subunit gamma, Laminin-3 subunit gamma, Laminin-4 subunit gamma, Laminin-6 subunit gamma, Laminin-7 subunit gamma, Laminin-8 subunit gamma, Laminin-9 subunit gamma, S-laminin subunit gamma, S-LAM gamma, Lamc1, Lamb-2, Lamc-1
Calculated MW	177298
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Mouse, Rat, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Mouse, Rat,
Subcellular Localization	Secreted, extracellular space, extracellular matrix, basement membrane.
Tissue Specificity	Found in the basement membranes (major component).
Source	Eukaryota
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	Peptide mixture of laminin gamma1,2,3(NKLNEIEGSLNKAKDEMKAS; DLEERVRRQRNHLHLLETISI; LQLDSHGALHHKLRQLEEEES). Laminin gamma has only three subtypes of antibody to gamma1-3 reactive with all isoforms of laminin.
Purification	Immunogen affinity purified.

Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Protein Information

Name	Lamc1
Synonyms	Lamb-2, Lamc-1
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. As a subunit of laminin-1 (also known as laminin-111 or EHS laminin), it is involved in the stimulation of agrin-induced receptor clustering through a MuSK-independent pathway (PubMed: 9454835).
Cellular Location	Secreted, extracellular space, extracellular matrix, basement membrane
Tissue Location	Found in the basement membranes (major component).

Images

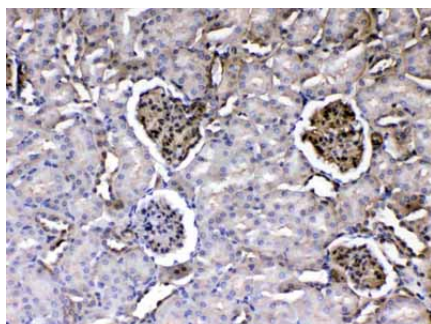
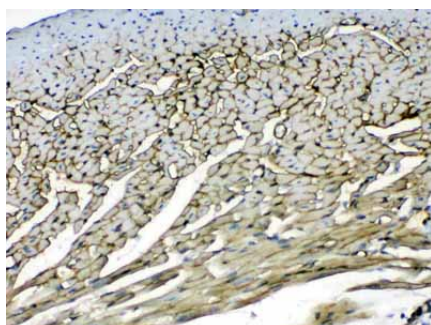
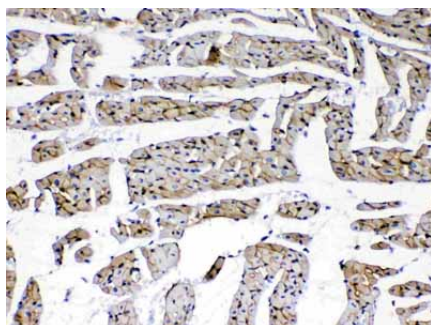
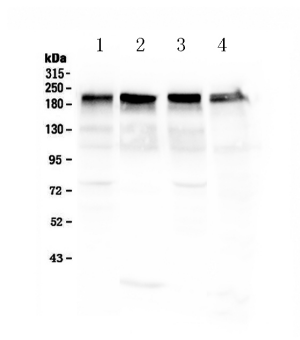
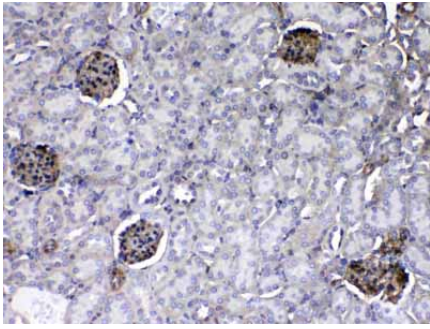


Figure 5. IHC analysis of Laminin using anti-Laminin antibody (ABO13015).





Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.