

Fibulin 5 polyclonal antibody

Catalog: BS90515

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Fibulin proteins contribute to normal development of elastic fiber systems in various types of organs that require elasticity, such as vasculature, lung and skin. Fibulin-5 (EVEC, UP50, DANCE) is an integrin-binding extracellular matrix protein that mediates endothelial cell adhesion. Fibulin-5 is also a calcium-dependent elastin-binding protein that scaffolds cells to elastic fibers, thereby preventing elastinopathy in the skin, lung, and vasculature. The Arg-Gly-Asp (RGD) motif in Fibulin-5 interacts with cell surface integrins α v β 3, α v β 5 and α 9 β 1, serves as an anchorage for elastic fibers to cells, and promotes organization of elastic fibers. The human Fibulin-5 gene maps to chromosome 14q32.12 and encodes a 488 amino acid protein.

Product:

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

Molecular Weight:

50 kDa

Swiss-Prot:

Q9UBX5(Human) Q9WVH9(Mouse) Q9WVH8(Rat)

Purification&Purity:

Protein affinity purified.

Applications:

WB:1:1,000-1:2,000

ICC:1:200

IHC:1:50-1:200

FC:1:50-1:100

Storage&Stability:

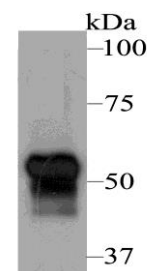
Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid

repeated freeze / thaw cycles.

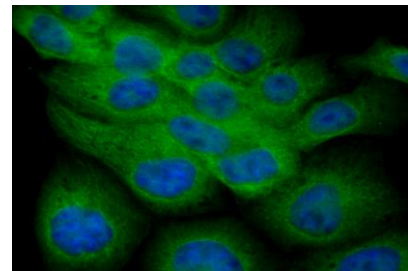
Specificity:

Fibulin 5 polyclonal antibody detects endogenous levels of Fibulin 5 protein.

DATA:



Western blot analysis of Fibulin 5 on human skin tissue lysate using anti-Fibulin 5 antibody at 1/1,000 dilution.



ICC staining Fibulin 5 in JAR cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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