

COL3A1 (P104) polyclonal antibody

Catalog: BS1531

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Collagen III is a fibrillar collagen that is found in extensible connective tissues such as skin, lung, and the vascular system, frequently in association with type I Collagen. Mutations in the gene are associated with Ehlers Danlos syndrome type IV, and with aortic and arterial aneurysms. Although alternate transcripts have been detected for this gene, they are the result of mutations; these mutations alter splicing, often leading to the exclusion of multiple exons

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 138 kDa

Swiss-Prot:

P02461

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:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

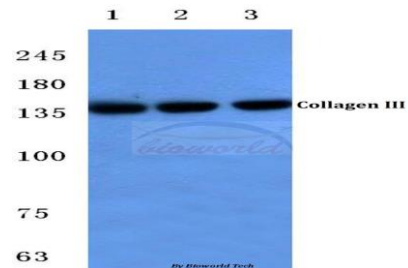
Storage&Stability:

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

Specificity:

COL3A1 polyclonal antibody detects endogenous levels of Collagen III protein.

DATA:

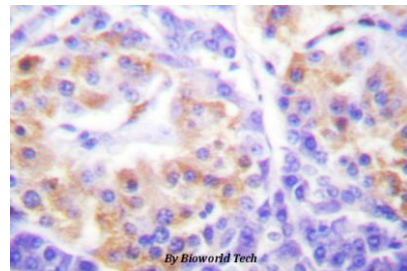


Western blot (WB) analysis of COL3A1 (P104) polyclonal antibody at 1:500 dilution

Lane1: Mouse lung tissue lysate

Lane2: Mouse liver tissue lysate

Lane3: Rat lung tissue lysate



Immunohistochemistry (IHC) analysis of COL3A1 pAb in paraffin-embedded human pancreas tissue.

Note:

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

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