

Collagen III alpha 1/COL3A1 polyclonal antibody

Catalog: BS70566

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.

Product:

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

Molecular Weight:

139KDa

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: 1:100~1:200

IF/ICC: 1:100~1:500

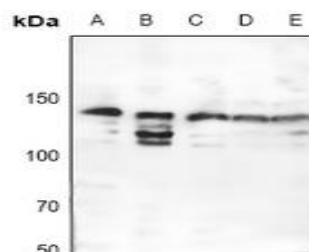
Storage&Stability:

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

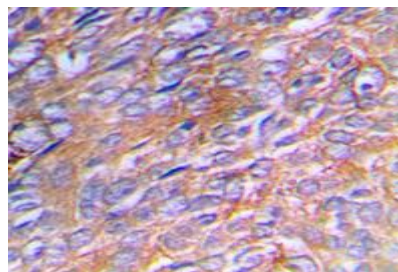
Specificity:

Collagen III alpha 1/COL3A1 polyclonal antibody detects endogenous levels of Collagen III alpha 1/COL3A1 protein.

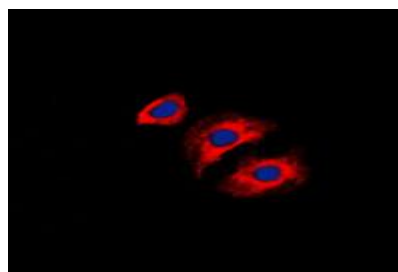
DATA:



Western blot analysis of Collagen 3 alpha 1 expression in SGC7901 (A), HEK293T (B), NIH3T3 (C), H9C2 (D), PC12 (E) whole cell lysates.



Immunohistochemical analysis of Collagen 3 alpha 1 staining in human breast cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of Collagen 3 alpha 1 staining in HeLa cells.

Note:

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

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