

Collagen III antibody

Catalog No: #22894

Orders: order@signalwayantibody.com

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Description

Product Name	Collagen III antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1197 and 1389 of Human COL3A1
Target Name	Collagen III
Accession No.	Swiss-Prot:P02461Gene ID:1281
Uniprot	P02461
GeneID	1281;
Concentration	0.67mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

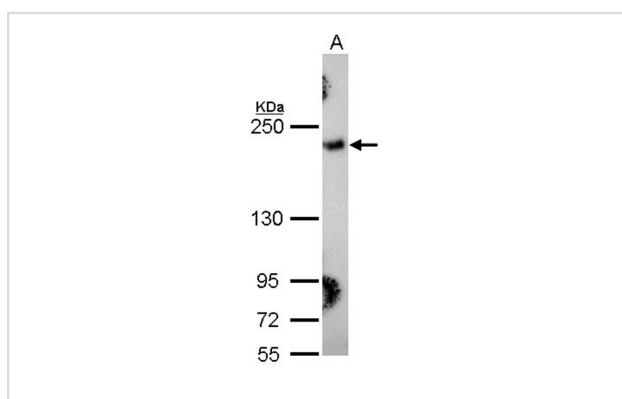
Predicted MW: 139kd

Western blotting: 1:500-1:3000

Immunohistochemistry: 1:50-1:500

Immunofluorescence: 1:100-1:200

Images

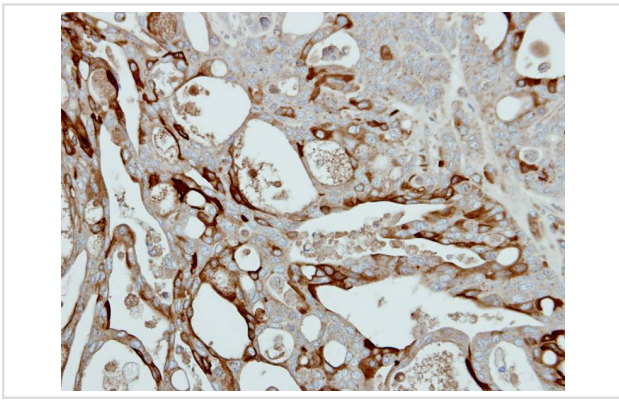


Sample (30 ug of whole cell lysate)

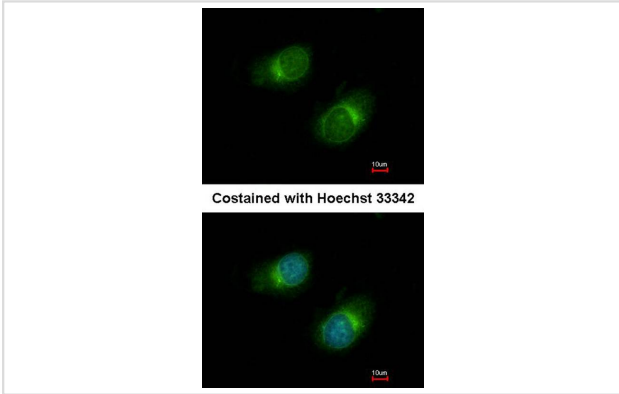
A: HeLa

5% SDS PAGE

Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded NCIN87 xenograft, using Collagen III alpha1 antibody at 1: 500 dilution.



Immunofluorescence analysis of methanol-fixed HeLa, using COL3A1 antibody at 1: 50 dilution.

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. [provided by R. Dagleish]

Note: This product is for in vitro research use only