

Rabbit Collagen III alpha1 Polyclonal Antibody

Collagen III alpha1 antibody

CATALOG # AAA107840	HOST Rabbit	REACTIVITY Bovine, Chicken, Rat, Xenopus Tropicalis.	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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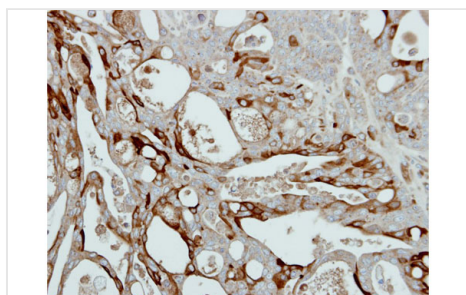
PRODUCT SYNONYMS

Collagen III alpha1; Polyclonal Antibody; Collagen III alpha1 antibody; Polyclonal Collagen III alpha1; Anti-Collagen III alpha1; COL3A1; alpha1 (III) collagen; Collagen III alpha-1; Collagen III alpha 1; Ehlers-Danlos syndrome type IV autosomal dominant; collagen fetal; FLJ34534; EDS4A; anti-Collagen III alpha1 antibody

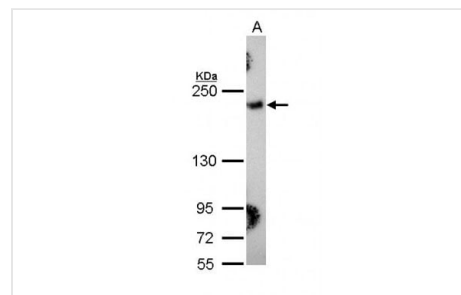
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Chicken, Rat, Xenopus Tropicalis.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Collagen III alpha1 antibody was purified by antigen-affinity chromatography
Form/Format	Liquid in 100mM Tris, pH 7.0, with 100mM Glycine, 10% Glycerol, and 0.01% Thimerosal as preservative.
Concentration	0.97 mg/ml (varies by lot)
Applicable Applications for anti-Collagen III alpha1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Recombinant protein encompassing a proprietary sequence within the C-terminus region of human Callagen III alpha 1.
Biological Significance	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.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

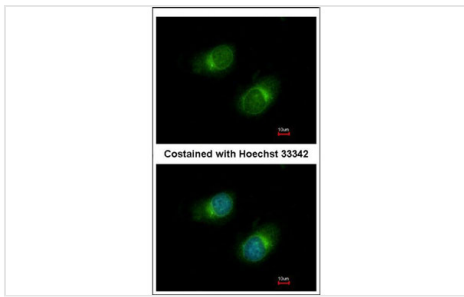
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded NCIN87 xenograft using Collagen III alpha1 antibody at a dilution of 1:500


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 5 % SDS PAGE gel and Collagen III alpha1 antibody at a dilution of 1:1000



IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-Collagen III alpha1 antibody	Affinity purified Rabbit polyclonal Collagen III alpha1 antibody
Product Categories/Family for anti-Collagen III alpha1 antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	139 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/collagen-iii-alpha1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107840>