

Mouse Collagen III Monoclonal Antibody | anti-COL3A1 antibody

Collagen III Monoclonal Antibody (Q76)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28885	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

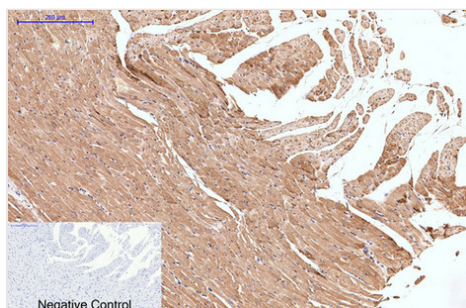
PRODUCT SYNONYMS

Collagen III; Monoclonal Antibody; Collagen III Monoclonal Antibody (Q76); COL3A1; Collagen alpha-1 (III) chain; anti-COL3A1 antibody

PRODUCT SPECIFICATIONS

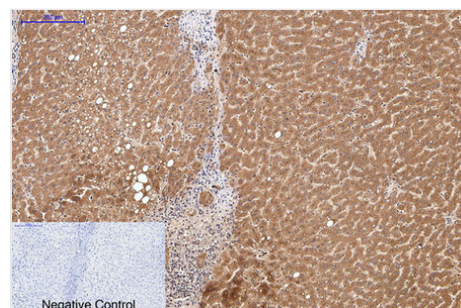
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	Q76
Applicable Applications for anti-COL3A1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



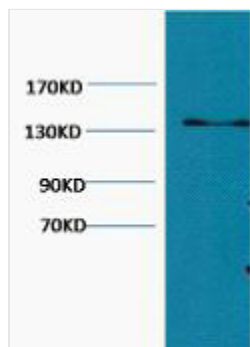
IHC (Immunohistochemistry)

Dilution: WB: 1:1000 IF 1:200 IHC 1:50-300



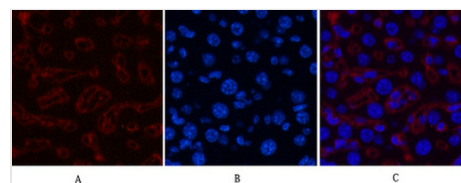
IHC (Immunohistochemistry)

Dilution: WB: 1:1000 IF 1:200 IHC 1:50-300



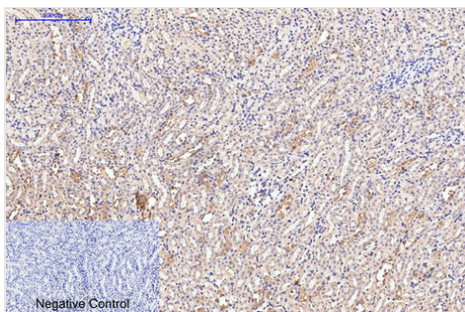
Application Data

Dilution: WB: 1:1000 IF 1:200 IHC 1:50-300

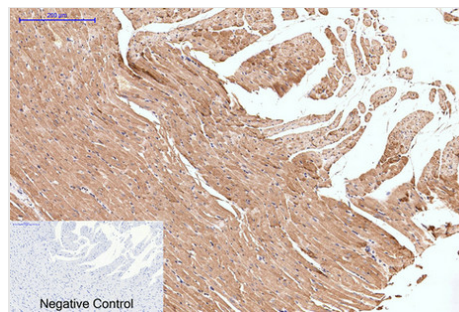


IF (Immunofluorescence)

Dilution: WB: 1:1000 IF 1:200 IHC 1:50-300



IHC (Immunohistochemistry-Paraffin)
Dilution: WB: 1:1000 IF 1:200 IHC 1:50-300



IHC (Immunohistochemistry-Paraffin)
Dilution: WB: 1:1000 IF 1:200 IHC 1:50-300

ADDITIONAL INFORMATION

Related Product Information for anti-COL3A1 antibody

Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502951
NCBI GeneID	1281
NCBI Accession #	NP_000081.1
NCBI GenBank Nucleotide #	NM_000090.3
UniProt Accession #	P02461; P78429; Q15112; Q16403; Q53S91; Q541P8; Q6LDB3; Q6LDJ2; Q6LDJ3; Q7KZ56; Q8N6U4; D3DPH4
Molecular Weight	138,564 Da
NCBI Official Full Name	collagen alpha-1(III) chain preproprotein
NCBI Official Synonym Full Names	collagen, type III, alpha 1
NCBI Official Symbol	COL3A1
NCBI Official Synonym Symbols	EDS4A
NCBI Protein Information	collagen alpha-1(III) chain; collagen alpha-1(III) chain; collagen, fetal; alpha1 (III) collagen; Ehlers-Danlos syndrome type IV, autosomal dominant
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	COL3A1
UniProt Entry Name	CO3A1_HUMAN

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/monoclonal/collagen-iii-antibody-clone-q76-western-blot-immunohistochemistry-immunofluorescence-elisa/28885>