

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-Collagen Type III (N-terminal)



Numéro de catalogue:80009-1-RR

Informations de base

Numéro de catalogue: 80009-1-RR	Numéro d'acquisition GenBank: BC028178	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 750 µg/ml by Nanodrop;	Identification du gène (NCBI): 1281	CloneNo.: 201
Hôte: Lapin	Nom complet: collagen, type III, alpha 1	Dilutions recommandées: IHC 1:2000-1:8000 IF 1:50-1:500
Isotype: IgG	MW calculé 1466 aa, 139 kDa	
Immunogen Catalog Number: AG18658		

Applications

Applications testées:
IF, IHC, ELISA

Spécificité de l'espèce:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

IHC : tissu de côlon humain, tissu de cancer de la peau humain, tissu de cancer du côlon humain, tissu de cancer du pancréas humain, tissu de tumeur ovarienne humain

IF : tissu de côlon humain,

Informations générales

Type III collagen is a fibrillar forming collagen comprising three $\alpha 1(\text{III})$ chains and is expressed in early embryos and throughout embryogenesis (PMID: 9050868). In the adult, type III collagen is a major component of the extracellular matrix in a variety of internal organs and skin. It occurs in most soft connective tissues along with type I collagen (PMID: 2445760). COL3A1 gene encodes type III procollagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms (PMID: 10706896; 2243125; 18389341). This antibody was raised against 24-152 aa of prepro $\alpha 1(\text{III})$ chain of human type III procollagen. It can't recognize mouse or rat type III collagen.

Stockage

Stockage:
Stocker à -20 °C.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

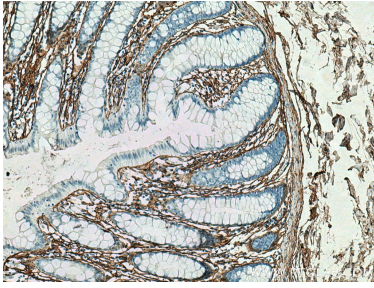
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

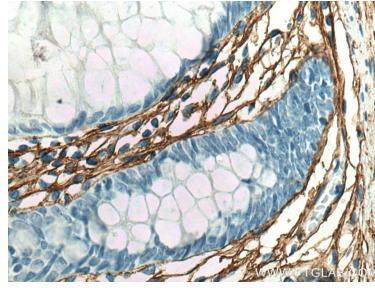
E: proteintech@ptglab.com
W: ptglab.com

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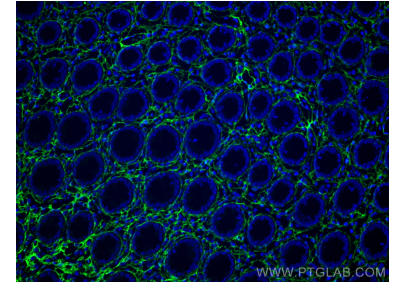
Données de validation sélectionnées



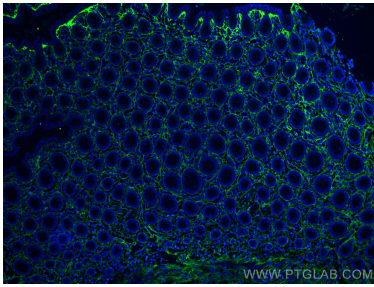
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 80009-1-RR (COL3A1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 80009-1-RR (COL3A1 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human colon tissue using Collagen Type III (N-terminal) antibody (80009-1-RR, Clone: 2O1) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human colon tissue using Collagen Type III (N-terminal) antibody (80009-1-RR, Clone: 2O1) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).