

À des fins de recherche uniquement

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



Numéro de catalogue: CL488-80009

Informations de base

Numéro de catalogue:	Numéro d'acquisition GenBank:	Méthode de purification:
CL488-80009	BC028178	Purification par protéine A
Taille:	Identification du gène (NCBI):	CloneNo.:
100ul, Concentration: 500 µg/ml by Nanodrop;	1281	201
Hôte:	Nom complet:	Dilutions recommandées:
Lapin	collagen, type III, alpha 1	IF 1:50-1:500
Isotype:	MW calculé	Excitation/Emission maxima wavelengths:
IgG	1466 aa, 139 kDa	493 nm / 522 nm
Immunogen Catalog Number:	MW observés:	
AG18658	140-180 kDa	

Applications

Applications testées:	Contrôles positifs:
IF	IF : tissu de côlon humain,
Spécificité de l'espèce:	
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

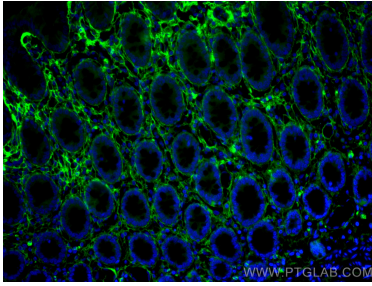
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

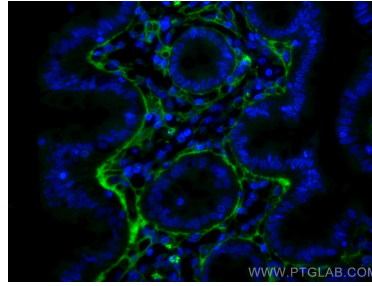
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human colon tissue using CoraLite® Plus 488 Collagen Type III (N-terminal) antibody (CL488-80009, Clone: 2O1) at dilution of 1:100.



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