For Research Use Only

Collagen Type III (N-terminal) Polyclonal antibody



Catalog Number:22734-1-AP

Featured Product

381 Publications

Size: GenelD (NCBI): Recommended Diutions: 150ul, Concentration: 900 µg/ml by 1281 WB 1:3000-1:1000 Nanodrop: UNPROTID: IP 0.5-4.0 µg for 1.0-3.0 µg of total Potein lysate HC 1:500-1:2000 HC 1:500-1:2000 Rabbit Full Name: HC 1:500-1:2000 Isotype: collagen, type III, alpha 1 IF 1:50-1:500 IgG Calculated MW: Immose AG 1000 AG18658 Observed MW: 1460-180 kDa AG18658 Observed MW: 140-180 kDa Applications: WB I: Jourse skin tissue, at skin tissue WB IF, IHC Use mouse skin tissue, mouse kidney tissue, human pancreas cancer tissue, mouse kidney tissue, human skin cancer tissue, mouse kidney tissue, human nalignant melanoma tissue Cited Species: human, chicken, rat, mouse, rat HC : human colon tissue, nouse colon tissue, human skin tissue, human skin cancer tissue, mouse colon tissue, human skin tissue, human malignant melanoma tissue IF: human colon tissue, mouse colon tissue IF: human colon tissue, mouse colon tissue Note-IHC: suggested antigen retrieval with IF: human colon tissue, mouse colon tissue IF: human colon tissue, mouse colon tissue IF: human colon tissue, mouse colon tissue Background Information	Basic Information	Catalog Number: GenBank Accession Number: 22734-1-AP BC028178		umber:	Purification Method: Antigen affinity purification	
Notice Folders HC 1::Soci-1:2000 Isotype: collagen, type III, sighs 1 Iso Called and the second secon		150ul , Concentration: 900 µg/ml by	GeneID (NCBI): 1281		Recommended Dilutions: WB 1:300-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total	
Nation Full Name: F1 130-1500 Iscype: collagen type III alpha 1 IF 130-1500 IgG Calculated MM Immogen Catalog Number: 1466 as, 139 kDa AG18653 Observed MM: AG18654 Observed MM: AG18655 Specific Specificity: Gamma mask: P: mouse skin tissue, natskin tissue, furnan hepatochhois tissue, human pancreas cancer tissue, mouse kidney tissue, mouse kidney tissue, mouse colon tissue, mouse colon tissue Note-IHC: suggested antigen retrieval with TF biolifer pH 9.0; (P) Alternatively, antigen retrieval with tTF biolifer pH 9.0; (P) Alternatively, antigen retrieval with Seve, mouse colon tissue Background Information Type III collagen is a fibillar forming rollagen comprising three al(III) chains and is expressed in early embyos and skin to coust in most of concerdev tissue along with type II in the great area coust of the retrieval with Seve Protocollagen Mutacions three protocollagen MUL 200508691, In the adult type III collagen is a major component of the extracellular matrix in a variety of internal organs and skin to cocus in most of concerdev tissue along with type II procollagen MUL 200508692, IC Collast gree cococlasted with DPL 107068692 243125; 8389341. This and the preto al III			P02461			
IgG Immunogen Catalog Number: Calibrated MM: 1466 as, 135 NDa Calibrations AG1865B Observed MM: 140-180 KDa Applications Tested Applications: WB, IP, IF, IHC, EUSA Cited Applications: WB, IP, IF, IHC, Species Specificity: Numan, mouse, rat Cited Species: Numan, chicken, nat, mouse, rat Duringer pH 6.0 WB: mouse skin tissue, Numan skin cancer tissue, mouse colon tissue, human skin cancer tissue, mouse colon tissue, human malignant melanoma tissue Protogenetic Support (SP) (Aliberative Var), entigen retrieval may be performed with citrate buffer pH 6.0 WB: mouse skin tissue, human skin cancer tissue, mouse colon tissue Background Information Type III collagen is a fibrillar forming collagen comprising three ot(III) chains and is expressed in early embyos and skin 1 cocurs in mis gene are associated with ENER-Danios syndome types IV, and with aortic and arterial aneuryms (INPL 1070696; 224325; 4389541.). This sandbody risid agrins 24-523 ao fipper on 11(II) chain of thuman upe III porcollagen detects by III porcollagen det					-	
AG18658 1466 as, 159 KDB AG18658 Diserved MW: 140-180 KDB Applications Tested Applications: WB, IP, IF, IHC, EUSA Cited Applications: WB, IP, IF, IHC WB: Note and the applications: WB, IF, IHC Species Specificity: human, mouse, rat: Duman, chicker, rat, mouse, rabbit, hamster, pig. Canine Positive Controls: WB: IP, IP, IMC, EUSA Cited Species Mite-IHC: Suggested ontigen retrieval with trabifer pH 9.0; (*) Alternatively, ontigen retrieval may be performed with citrate buffer pH 9.0; (*) Alternatively, ontigen retrieval may be performed with citrate buffer pH 9.0; (*) Alternatively in the adult, type III collagen is a fibrillar forming collagen comprising three of (III) chains and is expressed in early embryos and throughout embryogenesis (PMD: 9050686). In the adult, type III collagen is a major component of the extracellular matrix in a variety of internal logans and skin. It cours in intost soft connective tissues along with type Icollagen (PMD: 2442560). (CISA 1990 encodes type III) procollagen. Mutations in this gene associated with Ehlers-Danios syndrome types IV, and with avrife al an euryos and skin. It cours in intost soft connective tissues along with type Icollagen (PMD: 2442560). (CISA 1990 encodes type III procollagen. Mutations in this gene associated with spe Icolagen (PMD: 2445760). (CISA 1990 encodes and prepro ci (III) chains of the expressed in early embryos and throughout embryogenesis (PMD: 9050686). In the adult, type III collagen is a major component of the extracellular matrix in a variety of internal logans and skin. It cours in intost soft connective tissues along with type Icolagen (PMD: 2445760). (CISA 1990 encodes and prepro ci (III) procollagen. Mutations in this gene are associated with Ehlers-Danido syndrome types IV, and with a soft and associ				na 1		
ACIBOSB Observed MW: 140-180 KDs Applications Tested Applications: WB, IP, IF, IHC, EUSA Cited Applications: WB, IP, IRC, EUSA Cited Species: human, dividen, rat, mouse, rabbit, hamster, pig. cnine Positive Controls: WB: mouse skin tissue, mouse kindney tissue, human chicken, rat, mouse, rabbit, hamster, pig. cnine Note-IHC: suggested antigen retrieval with TE buffer pH S.0. (*) (*) Alternatively, antigen retrieval may be performed with citrate buffer pH S.0. WB: mouse skin tissue, mouse colon tissue, human skin tissue, human colon tissue, mouse colon tissue heart tissue, mouse colon tissue heart tissue, mouse colon tissue there at such that the comparison of the extent the substance of the substan				1466 aa, 139 kDa		
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Species Specificity: human, mouse, rat Cited Species: human, chicken, rat, mouse, rabbit, hamster, pig. canine HC: human papercess cancer tissue, mouse kidney tissue, human colon tissue, human skin tissue, human malignant melanoma tissue heart tissue, mouse colon tissue, human skin tissue, human malignant melanoma tissue Note-HFC: suggested antigen retrieval with TE buffer pH 5.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 IF: human colon tissue, human skin tissue, human malignant melanoma tissue Background Information Type III collagen is a fibrillar forming collagen comprising three o1(III) chains and is expressed in early embryos and throughout embryogenesis (PMID: 9050868). In the addut type III collagen, Mutations in this gene are associated with Ehlers-Danito syndhome types, yandwith abouts and also in some with ano functional tissue and also in some with a paper and this been reported and may represent a cleaved form of type III procollagen (PMID: 17424834; 19648160; 22802960). Notable Publications Author Pubmed ID Journal Application Kush Yu Sun 34562065 J Cell Mol Med WB Yu Sun 34562065 Cell Mol Med WB Storage Storage: Store at 20°C. Stable for one year after shipment. Storage Buffer: But this objek sodium azide and 50% glycerol pH 7.3. Aligouting Is unnecessary for -20°C storage Storage <td></td> <td></td> <td>IP : mouse skir</td> <td colspan="2">se skin tissue,</td>				IP : mouse skir	se skin tissue,	
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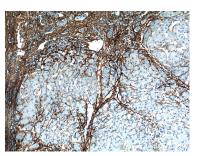
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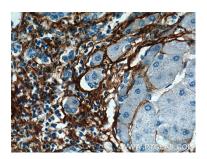
Selected Validation Data



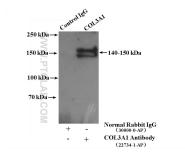
mouse skin tissue were subjected to SDS PAGE followed by western blot with 22734-1-AP (Collagen Type III (N-terminal) antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



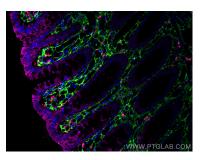
Immunohistochemical analysis of paraffinembedded human hepatocirrhosis tissue slide using 22734-1-AP (Collagen Type III (N-terminal) antibody at dilution of 1:1000 (under 10x lens).



Immunohistochemical analysis of paraffinembedded human hepatocirrhosis tissue slide using 22734-1-AP (Collagen Type III (N-terminal) antibody at dilution of 1:1000 (under 40x lens).



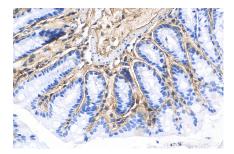
IP result of anti-Collagen Type III (N-terminal) (IP:22734-1-AP, 4ug; Detection:22734-1-AP 1:500) with mouse skin tissue lysate 3200ug.



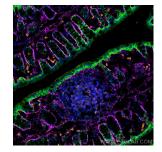
Immunofluorescent analysis of (4% PFA) fixed human colon tissue using Collagen Type III (Nterminal) antibody (22734-1-AP) at dilution of 1:200 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Cytokeratin 20 antibody (60183-1-Ig, Clone: 4D10A4, Magenta), Coralite®594 CD68 antibody (CL594-25747, red).



Immunohistochemical analysis of paraffinembedded mouse colon tissue slide using 22734-1-AP (Collagen Type III (N-terminal) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse colon tissue slide using 22734-1-AP (Collagen Type III (N-terminal) antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescence of mouse colon: Frozen OCT-embedded mouse colon sections were stained with anti-E-cadherin antibody (20874-1-AP) labeled with CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2, green) in the frist step,anti-CD45 antibody (80297-1-RR) labeled with FlexAble CoraLite Plus 555 Kit (KFA002, orange) in the second step,anti-Collagen Type III antibody (22734-1-AP) labeled with FlexAble CoraLite647 Kit (KFA003, magenta) in the