

Nur für Forschungszwecke

Collagen Type III (N-terminal) Polyklonaler Antikörper



Katalog-Nr.:HRP-22734

Allgemeine Informationen

Katalog-Nr.: HRP-22734	GenBank-Zugangsnummer: BC028178	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von 1281 Nanodrop;	GeneID (NCBI): Vollständiger Name: collagen, type III, alpha 1	Empfohlene Verdünnungen: WB 1:2000-1:10000
Wirt: Kaninchen	Berechnete Masse: 1466 aa, 139 kDa	
Isotyp: IgG	Beobachtete Masse: 140-180 kDa	
Immunogen Katalognummer: AG18658		

Anwendungen

Geprüfte Anwendungen: WB	Positivkontrollen: WB : Rattenhautgewebe,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

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 raised against 24-152 aa of prepro $\alpha 1(\text{III})$ chain of human type III procollagen detects type III procollagen at 140-180 kDa and also in some lysates reveals a 70-kDa band which has been reported and may represent a cleaved form of type III procollagen (PMID: 17424834; 19648160; 22802960).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

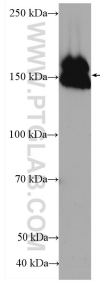
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



rat skin tissue were subjected to SDS PAGE followed by western blot with HRP-22734 (Collagen Type III (N-terminal) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.