

Nur für Forschungszwecke

Tenascin-X Polyklonaler Antikörper

Katalog-Nr.:13595-1-AP

4 Publikationen



Allgemeine Informationen

Katalog-Nr.:
13595-1-AP

Größe:
150ul, Konzentration: 450 µg/ml von
Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG4501

GenBank-Zugangsnummer:
BC033740

GeneID (NCBI):
7148

Vollständiger Name:
tenascin XB

Berechnete Masse:
4289 aa, 464 kDa

Beobachtete Masse:
75 kDa, 140 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB
IHC 1:20-1:200

Anwendungen

Geprüfte Anwendungen:
IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human

Positivkontrollen:

WB: Mauslebergewebe, HT-1080.Zellen,
Rattenlebergewebe

IP: Mauslebergewebe,

IHC: humanes Nierengewebe, humanes Herzgewebe,
humanes Lebergewebe, humanes Lungengewebe,
humanes Mammakarzinomgewebe

**Hinweis-IHC: Antigendemaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigendemaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Hintergrundinformationen

Tenascin-X (TNXB) is an extracellular matrix glycoprotein predominantly located in the outer reticular lamina of the basement membrane (BM) (PMID: 23768946). It interacts with many other ECM proteins and it accelerates collagen fibrillogenesis in vitro. TNXB plays a role in interactions between cell and ECM, antiadhesive effect, inhibiting cell migration, and in maintaining homeostasis of the extracellular matrix. Deficiency of TNXB has been associated with the connective tissue disorder Ehlers-Danlos syndrome. This antibody is raised against human TNXB and detects a band of about 75 kDa, which probably represents a proteolytic cleaved form of human TNXB (PMID: 17263730). But the serum form of tenascin-X is a 140-kD protein probably resulting from proteolytic cleavage or alternative splicing of tenascin-X (PMID: 16567571, 11642233).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Emna Ouni	35341935	Matrix Biol	IF
Rasheed A Gbadegesin	23620400	J Am Soc Nephrol	WB,IHC,IF
Xue Lu	36520032	Mol Oncol	WB,IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

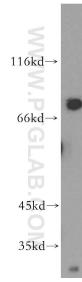
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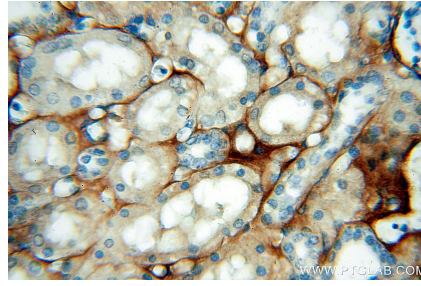
E: proteintech@ptglab.com
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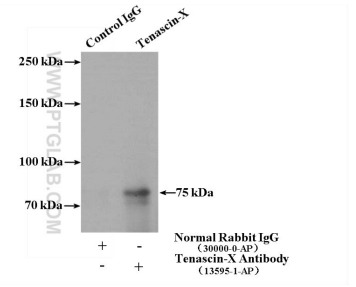
Ausgewählte Validierungsdaten



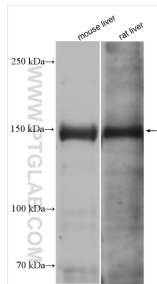
mouse liver tissue were subjected to SDS PAGE followed by western blot with 13595-1-AP (Tenascin-X antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 13595-1-AP (Tenascin-X antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-Tenascin-X (IP:13595-1-AP, 4ug; Detection:13595-1-AP 1:300) with mouse liver tissue lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 13595-1-AP (Tenascin-X antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.