

## Tenascin-X Polyclonal Antibody

Catalog number: 13595-1-AP

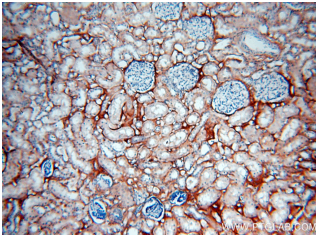
Size: 32 µg/150 µl

Source: Rabbit

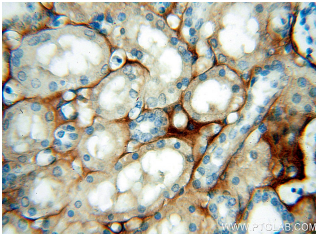
Isotype: IgG

Synonyms:

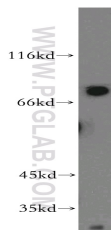
TNXB; Hexabrachion like protein, HXBL, Tenascin X, tenascin XB, TENX, TN X, TNX, TNXB, TNXB1, TNXB2, TNXBS, XB, XBS



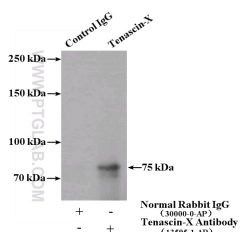
Immunohistochemical of paraffin-embedded human kidney using 13595-1-AP(TNXB antibody) at dilution of 1:50 (under 10x lens)



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



mouse liver tissue were subjected to SDS PAGE followed by western blot with 13595-1-AP(TNXB antibody) at dilution of 1:300



### Background

Tenascin-X (TNXB) is a 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.

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated Tenascin-X MW:	4289aa, 464 kDa
Observed Tenascin-X MW:	75 kDa
Positive WB detected in	Mouse liver tissue, HT-1080 cells
Positive IP detected in	Mouse liver tissue
Positive IHC detected in	Human kidney tissue, human breast cancer tissue, human heart tissue, human liver tissue, human lung tissue
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4501
GenBank accession number:	BC033740
Gene ID (NCBI):	7148
Full name:	Tenascin XB

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

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