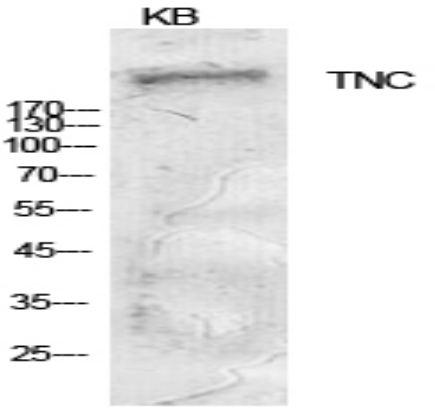
Best Tools for immunology Research

Tenascin-C Polyclonal Antibody

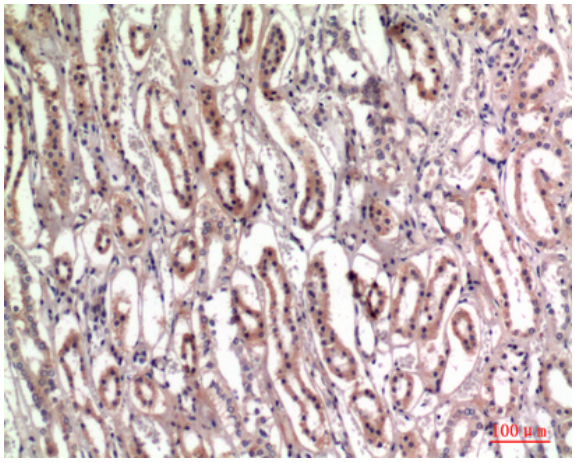
Catalog No :	YT5548
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	Tenascin-C
Fields :	>>PI3K-Akt signaling pathway;>>Focal adhesion;>>ECM-receptor interaction;>>Human papillomavirus infection;>>MicroRNAs in cancer
Gene Name :	TNC
Protein Name :	Tenascin
Human Gene Id :	3371
Human Swiss Prot No :	P24821
Mouse Gene Id :	21923
Mouse Swiss Prot No :	Q80YX1
Immunogen :	The antiserum was produced against synthesized peptide derived from the C-terminal region of human TNC. AA range:2151-2200
Specificity :	Tenascin-C Polyclonal Antibody detects endogenous levels of Tenascin-C protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	240kD
Cell Pathway :	Focal adhesion;ECM-receptor interaction;
Background :	tenascin C(TNC) Homo sapiens This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration. [provided by RefSeq, Jul 2011],
Function :	alternative products:Isoforms are produced in a tissue- and time-specific manner during development,function:Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6.,induction:By TGF-beta.,PTM:N-glycosylated.,similarity:Belongs to the tenascin family.,similarity:Contains 1 fibrinogen C-terminal domain.,similarity:Contains 15 EGF-like domains.,similarity:Contains 15 fibronectin type-III domains.,subunit:Homohexamer; disulfide-linked. A homotrimer may be formed in the triple coiled-coil region and may be stabilized by disulfide rings at both ends. Two of such half-hexabrachions may be disulfide linked within the ce
Subcellular Location :	Secreted, extracellular space, extracellular matrix.
Expression :	Brain,Fetal brain,Fetal cartilage,Glioblastoma,Human fetal kidney,Liver,Melanoma,Milk,Plasma,
Tag :	orthogonal
Sort :	17032
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

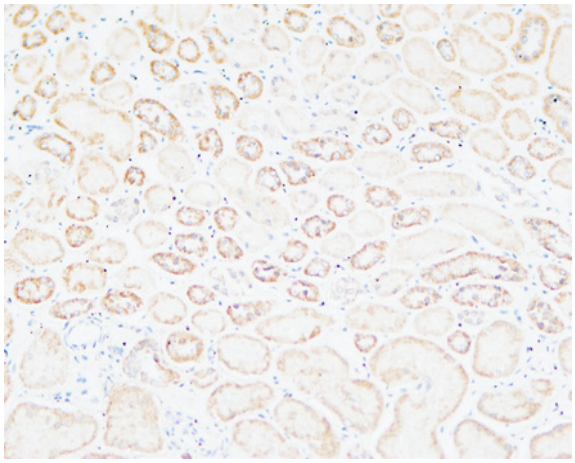
Products Images



Western Blot analysis of KB cells using Tenascin-C Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).