



Tenascin-C Polyclonal Antibody

Catalog No	YP-Ab-17094
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	TNC
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Tenascin;TNC;Glioma-associated-extracellular matrix antigen;GMEM;GP 150 225;Tenascin-C;HXB;TN;Cytotactin;GP 150-225;Hexabrachion;JI;Myotendinous antigen;Neuronectin;TN-C
Observed Band	240kD
Calculated Molecular Weight	240kD
Cell Pathway	Secreted, extracellular space, extracellular matrix.
Tissue Specificity	Brain,Fetal brain,Fetal cartilage,Glioblastoma,Human fetal kidney,Liver, Melanoma,Milk,Plasma,
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:Homo-hexamer;



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

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],

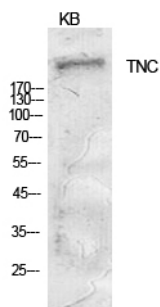
matters needing attention

Avoid repeated freezing and thawing!

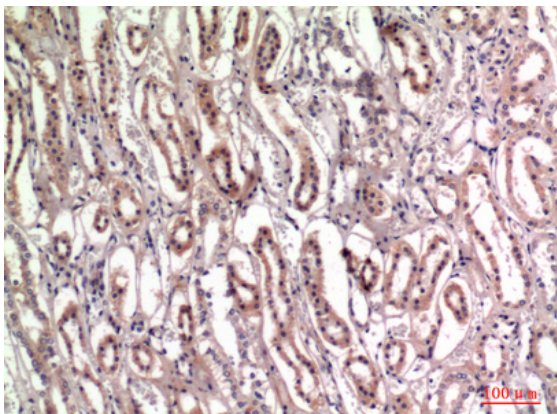
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

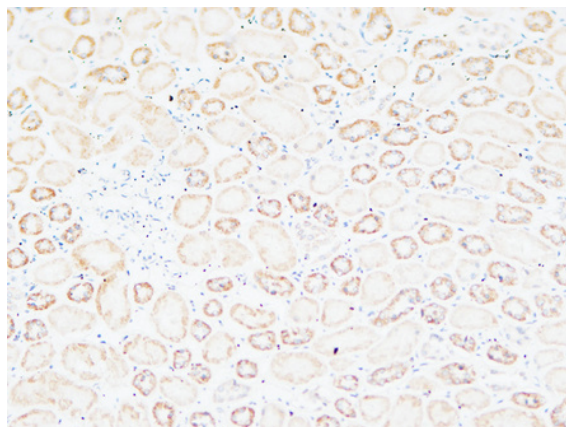


Western Blot analysis of KB cells using Tenascin-C Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

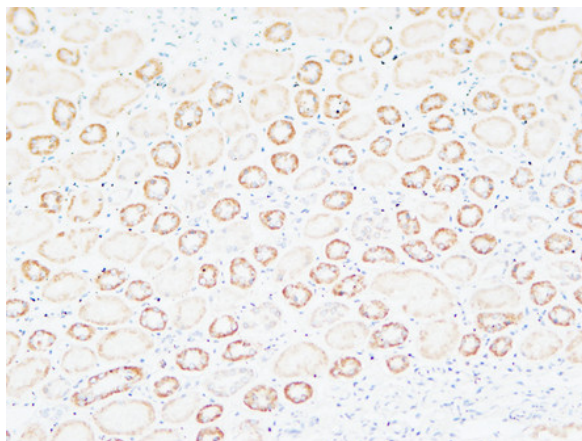


Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:100

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).



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