

Tenascin (TN-C) Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10473**Specification**

Tenascin (TN-C) Antibody - Product Information

Application	WB
Primary Accession	P24821
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	240853

Tenascin (TN-C) Antibody - Additional Information**Gene ID** 3371

Positive Control	Western blot: rat kidney lysate
Application & Usage	Western blot: 1:200
Other Names	
Hexabrachion, Tenascin-C	

Target/Specificity
Tenascin**Antibody Form**
Liquid**Appearance**
Colorless liquid**Formulation**
100 µg (0.5 mg/ml) of antibody in PBS, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol, pH 7.2**Handling**
The antibody solution should be gently mixed before use.**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
Tenascin (TN-C) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Tenascin (TN-C) Antibody - Protein Information**

Name TNC

Synonyms HXB

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. In tumors, stimulates angiogenesis by elongation, migration and sprouting of endothelial cells (PubMed:19884327).

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

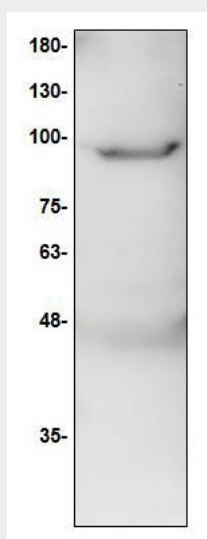
Detected in fibroblasts (at protein level).

Tenascin (TN-C) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Tenascin (TN-C) Antibody - Images



Western blot of Rat kidney cell lysate with Tenascin antibody.

Tenascin (TN-C) Antibody - Background

The tenascin family of extracellular matrix proteins includes Tenascin-C (also designated cytotactin or Tenascin), Tenascin-R (also designated restrictin, TN-R or janusin) and Tenascin-X. Tenascin proteins function as substrate-adhesion molecules (SAMs) and are involved in regulating numerous developmental processes, such as morphogenetic cell migration and organogenesis. The tenascin family proteins arise from various splicing events in the region of coding for FNIII repeats. Tenascin-C and Tenascin-X are expressed in several tissues during embryogenesis and in adult tissues undergoing active remodeling, such as healing wounds and tumors. Tenascin-R is expressed on the surface of neurons and glial cells.