

**Tenascin C Antibody**  
Rabbit mAb  
Catalog # AP90379

## Specification

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### Tenascin C Antibody - Product Information

Application **WB**  
Primary Accession [P24821](#)  
Clonality **Monoclonal**

#### Other Names

Tenascin; TN; Cytotactin; GMEM; GP 150-225; Glioma-associated-extracellular matrix antigen; Hexabrachion; JI; Myotendinous antigen; Neuronectin; Tenascin C; TN-C; TNC; HXB

Isotype **Rabbit IgG**  
Host **Rabbit**  
Calculated MW **240853 Da**

### Tenascin C Antibody - Additional Information

Purification **Affinity-chromatography**  
Immunogen **A synthesized peptide derived from human Tenascin C**

Description **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.**

Storage Condition and Buffer **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

### Tenascin 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:<a href="http://www.uniprot.org/citations/19884327" target="\_blank">19884327</a>).

#### Cellular Location

Secreted, extracellular space, extracellular matrix

#### Tissue Location

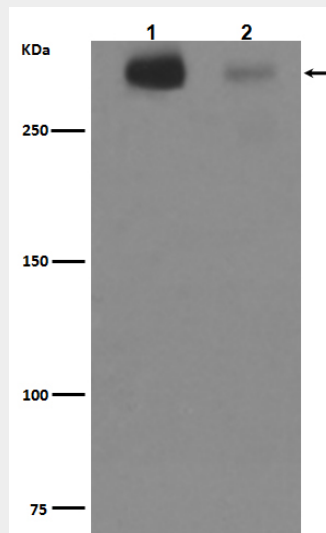
Detected in fibroblasts (at protein level).

### Tenascin 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 C Antibody - Images



Western blot analysis of Cytotactin C expression in (1) Human fetal brain lysate; (2) Human fetal kidney lysate.