

**TNC Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF2962a

## Specification

---

### TNC Antibody (internal region) - Product Information

Application	E
Primary Accession	<a href="#">P24821</a>
Other Accession	<a href="#">NP_002151.2</a> , <a href="#">3371</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	240853

### TNC Antibody (internal region) - Additional Information

Gene ID 3371

#### 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

#### Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

TNC Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

### TNC Antibody (internal region) - 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).

**TNC Antibody (internal region) - 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](#)

**TNC Antibody (internal region) - Images****TNC Antibody (internal region) - References**

Endogenous human microRNAs that suppress breast cancer metastasis Tavazoie SF, Alarcón C, Oskarsson T, Padua D, Wang Q, Bos PD, Gerald WL, Massagué J Nature. 2008 Jan 10;451(7175):147-52 PMID: 18185580