

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

TNC Antibody (internal region) - Product Information

Application	E
Primary Accession	P24821
Other Accession	NP_002151.2 , 3371
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:19884327).

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