

TNC / Tenascin C Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15591**Specification**

TNC / Tenascin C Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P24821
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	241kDa KDa

TNC / Tenascin C Antibody (C-Terminus) - Additional Information**Gene ID** 3371**Other Names**

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

Target/Specificity

Human TNC / Tenascin C

Reconstitution & Storage

Aliquot and freeze at -20° C. Avoid freeze-thaw cycles.

Precautions

TNC / Tenascin C Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TNC / Tenascin C Antibody (C-Terminus) - 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).

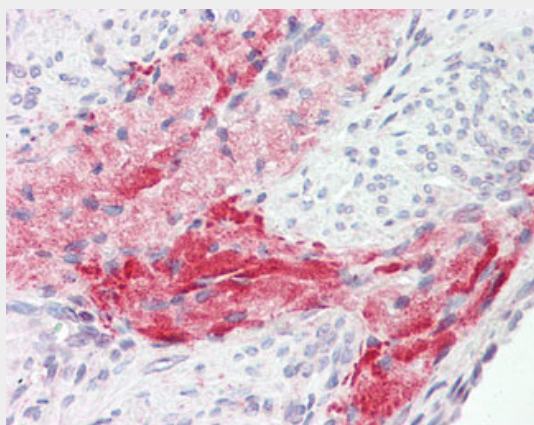
Volume

50 µl

TNC / Tenascin C Antibody (C-Terminus) - 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 / Tenascin C Antibody (C-Terminus) - Images

Anti-TNC / Tenascin C antibody IHC staining of human uterus, vessel.

TNC / Tenascin C Antibody (C-Terminus) - Background

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.

TNC / Tenascin C Antibody (C-Terminus) - References

Nies D.E., et al. J. Biol. Chem. 266:2818-2823(1991).
Siri A., et al. Nucleic Acids Res. 19:525-531(1991).
Gulcher J.R., et al. Proc. Natl. Acad. Sci. U.S.A. 88:9438-9442(1991).
Gherzi R., et al. J. Biol. Chem. 270:3429-3434(1995).
Humphray S.J., et al. Nature 429:369-374(2004).