

# Tenascin C Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51980

## Product Information

---

Application	WB
Primary Accession	<a href="#">P24821</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	240853

## Additional Information

---

Gene ID	3371
Other Names	Tenascin, TN, Cytotactin, GEM, GP 150-225, Glioma-associated-extracellular matrix antigen, Hexabrachion, JI, Myotendinous antigen, Neuronection, Tenascin-C, TN-C, TNC, HXB
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## 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="#">19884327</a> ).
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Detected in fibroblasts (at protein level).

## 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.

## 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.