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Anti-Tenascin C Antibody

Catalog # AP51980

Product Information

Application	WB
Primary Accession	P24821
Reactivity	Human, Mouse, Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	240853

Additional Information

Gene ID	3371
Other Names	HXB; Tenascin; TN; Cytotactin; GMEM; GP 150-225; Glioma-associated-extracellular matrix antigen; Hexabrachion; JI; Myotendinous antigen; Neuronectin; Tenascin-C; TN-C
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Tenascin C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

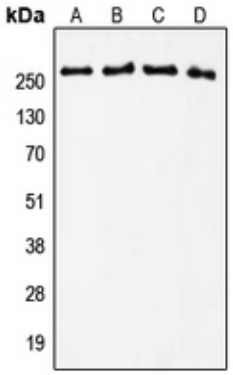
Protein Information

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:19884327).
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Detected in fibroblasts (at protein level).

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).

Images



Western blot analysis of Tenascin C expression in U2OS (A), MCF7 (B), NIHC3T3 (C), PC12 (D) whole cell lysates. (Predicted band size: 240 kD; Observed band size: 240 kD)

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