Tenascin (TNC) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Tenascin (TNC), Polyclonal Antibody
Full Product Name	Tenascin antibody (biotin)
Product Gene Name	anti-TNC antibody
Product Synonym Names	Polyclonal Tenascin; Anti-Tenascin; Cytotactin; GMEM; GP 150 225; Glioma associated extracellular matrix antigen; Hexabrachion; JI; Myotendinous antigen; Neuronectin; Tenascin C; HXB
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied with 0.03% Proclin 300, 50% Glycerol and 0.01M PBS, PH 7.4
Purity/Purification	Tenascin antibody (Biotin) was purified by Ammonium Sulfate precipitation
Preparation and Storage	Store at 4 degree C for short term storage and -20 degree C for long term storage. Avoid repeat freeze/thaw cycles
Molecular Weight	171,360 Da
OMIM	187380
Cross-Reactivity	Human
Tag/Conjugate	Biotin
Immunogen	Tenascin antibody (Biotin) was raised in Rabbit using recombinant human Tenascin protein as the immunogen
Product Categories/Family for anti-TNC antibody	Neuroscience; Conjugated Polyclonal Antibodies
Applications Tested/Suitable for anti-TNC antibody	ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Related Product Information for anti-TNC antibody	MBS5301442 is an antibody targeting TNC. Also known as Tenascin antibody (biotin). Host: Rabbit. Rabbit polyclonal Tenascin antibody (biotin)
Other Notes	Small volumes of anti-TNC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNC. It may not necessarily be applicable to this product.

NCBI GI #	153946395
NCBI GeneID	3371
NCBI Accession #	NP_002151.2
UniProt Secondary Accession #	Q14583; Q15567; Q5T7S3; C9IYT7; C9J575; C9J6D9; C9J848
UniProt Related Accession #	P24821
GenBank Nucleotide #	NM_002160.3

NCBI Official Full Name	tenascin
NCBI Official Synonym Full Names	tenascin C
NCBI Official Symbol	TNC
NCBI Official Synonym Symbols	GP; JI; TN; HXB; GMEM; TN-C; DFNA56; 150-225
UniProt Protein Name	Tenascin
UniProt Synonym Protein Names	Cytotactin; GMEM; GP 150-225; Glioma-associated-extracellular matrix antigen; Hexabrachion; JI; Myotendinous antigen; Neuronectin; Tenascin-C; TN-C
Protein Family	Tenascin
UniProt Gene Name	TNC
UniProt Synonym Gene Names	HXB; TN; TN-C
UniProt Entry Name	TENA_HUMAN
NCBI Protein Information	tenascin
NCBI Summary for TNC	This gene encodes an extracellular matrix protein with a spatially and temporally restricted tissue distribution. This protein is homohexameric with disulfide-linked subunits, and contains multiple EGF-like and fibronectin type-III domains. It is implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity, and neuronal regeneration. [provided by RefSeq, Jul 2011]
UniProt Comments for TNC	TNC: 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. Belongs to the tenascin family. 6 isoforms of the human protein are produced by alternative splicing. Protein type: Motility/polarity/chemotaxis; Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 9q33 Cellular Component: extracellular matrix; extracellular space; focal adhesion; membrane; extracellular region; basement membrane Molecular Function: syndecan binding Biological Process: osteoblast differentiation; extracellular matrix organization and biogenesis; response to ethanol; wound healing; response to mechanical stimulus; positive regulation of cell proliferation; response to wounding; negative regulation of cell adhesion; cell adhesion; axon regeneration in the peripheral nervous system; neuromuscular junction development; odontogenesis of dentine-containing teeth Disease: Deafness, Autosomal Dominant 56
Research Articles on TNC	**1.** lung cancer patients with Oct4 high, PTEN low and TNC high expression profile significantly correlated with poor disease-free survival
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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