

For Research Use Only

TNC/Tenascin-C Recombinant antibody

Catalog Number: 85821-1-RR



Basic Information

Catalog Number: 85821-1-RR	GenBank Accession Number: N/A	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 21923	CloneNo.: 242866C6
Source: Rabbit	UNIPROT ID: Q80YX1-1	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: tenascin C	
Immunogen Catalog Number: EG2849	Calculated MW: 232 kDa	
	Observed MW: 210-230 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse colon tissue, mouse thymus tissue
Species Specificity: mouse	

Background Information

Tenascin-C (TNC) is a large hexameric extracellular matrix glycoprotein of the tenascin family (PMID: 21818551). It is a multimodular protein containing multiple epidermal growth factor (EGF)-like repeats and fibronectin type III (FN III) domains (PMID: 1719530). Tenascin-C is highly expressed during embryonic development, particularly in the developing central nervous system, around motile cells and at epithelial-mesenchymal interaction sites (PMID: 25738825). In adult tissues, the expression and the distribution of TNC are typically limited under normal physiological conditions. It is upregulated during injury, inflammation, regeneration, and cancer (PMID: 7694605; 25120494). Tenascin-C is a diverse protein that can produce different functions including regulating cell adhesion, migration and proliferation.

Storage

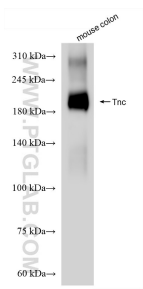
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

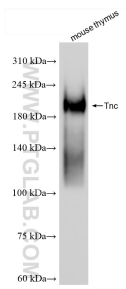
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 85821-1-RR (Tnc antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 85821-1-RR (Tnc antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.