

For Research Use Only

TNC/Tenascin-C Polyclonal antibody, PBS Only

Catalog Number: 27789-1-PBS



Basic Information

Catalog Number: 27789-1-PBS	GenBank Accession Number: BC151843	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 3371	
Isotype: IgG	UNIPROT ID: P24821	
Immunogen Catalog Number: AG27122	Full Name: tenascin C	
	Calculated MW: 2201 aa, 241 kDa	
	Observed MW: 220-350 kDa, 190-240 kDa	

Applications

Tested Applications:
WB, IHC, IP, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

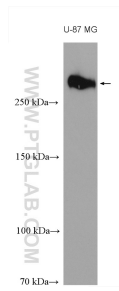
T: 4006900926

E: Proteintech-CN@ptglab.com

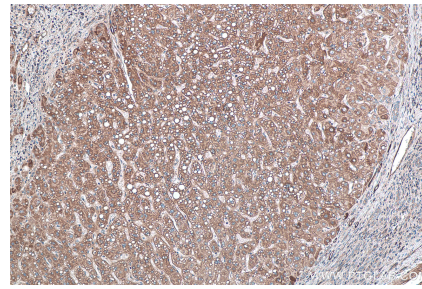
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

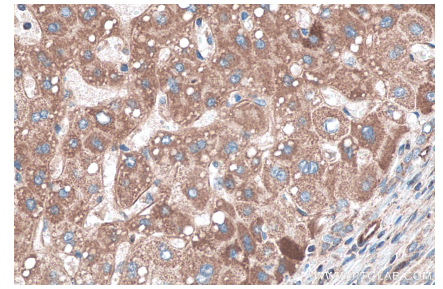
Selected Validation Data



U-87 MG cells were subjected to SDS PAGE followed by western blot with 27789-1-AP (TNC antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27789-1-PBS in a different storage buffer formulation.



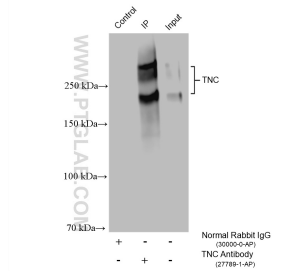
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 27789-1-AP (TNC/Tenascin-C antibody) at dilution of 1:1000 (under 10x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27789-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 27789-1-AP (TNC/Tenascin-C antibody) at dilution of 1:1000 (under 40x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27789-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 27789-1-AP (TNC/Tenascin-C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27789-1-PBS in a different storage buffer formulation.



IP result of anti-TNC/Tenascin-C (IP:27789-1-AP, 4ug; Detection:27789-1-AP 1:3000) with U-87 MG cells lysate 1400 ug. This data was developed using the same antibody clone with 27789-1-PBS in a different storage buffer formulation.