



[Go to Product page](#)

Datasheet for ABIN7434449  
**anti-TNC antibody (AA 49-181)**

3 Images

### Overview

Quantity:	100 µL
Target:	TNC
Binding Specificity:	AA 49-181
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Polyclonal Antibody to Tenascin C (TNC)
Immunogen:	Recombinant Tenascin C (TNC) corresponding to Val49~Lys181 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TNC. It has been selected for its ability to recognize TNC in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	TNC
Alternative Name:	Tenascin C ( <a href="#">TNC Products</a> )
Background:	TN-C, HXB, TN, GMEM, JI, Myotendinous antigen, Neuronectin, GP 150-225, Cytotactin, Hexabrachion, Glioma-associated-extracellular matrix antigen
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

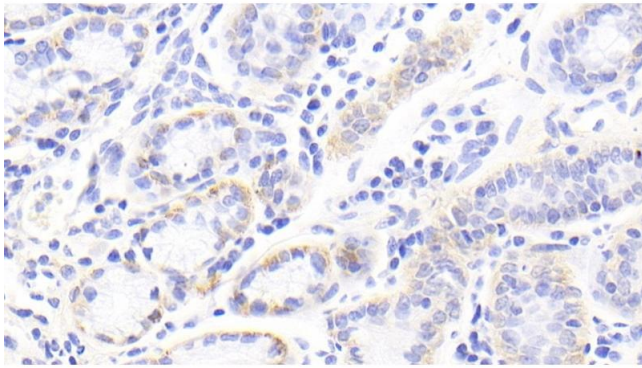
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

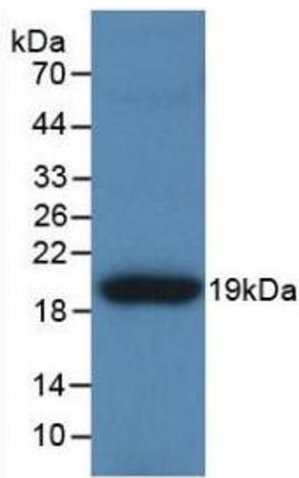
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



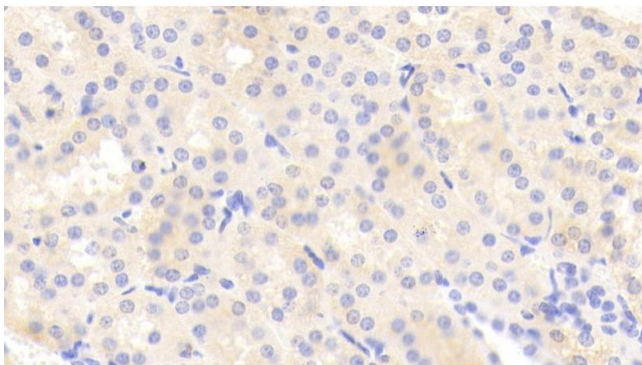
### Immunohistochemistry

**Image 1.** Detection of TNC in Human Stomach Tissue using Polyclonal Antibody to Tenascin C (TNC)



### Western Blotting

**Image 2.** Detection of Recombinant TNC, Human using Polyclonal Antibody to Tenascin C (TNC)



### Immunohistochemistry

**Image 3.** Detection of TNC in Human Kidney Tissue using Polyclonal Antibody to Tenascin C (TNC)