

Datasheet for ABIN674994  
**anti-TNC antibody (AA 2101-2201)**[Go to Product page](#)

## 2 Publications

## Overview

Quantity:	100 µL
Target:	TNC
Binding Specificity:	AA 2101-2201
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Tenascin C
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Predicted Reactivity:	Cow,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	TNC
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## Target Details

Alternative Name:	Tenascin C ( <a href="#">TNC Products</a> )
Background:	<p>Synonyms: Cytotactin, Glioma associated extracellular matrix antigen, GMEM, GP 150 225, Hexabrachion, HXB, JI, Myotendinous antigen, Neuronectin, Tenascin C, TenascinC, TN, TN C, TNC.Tn-C, Tenascin-C.</p> <p>Background: Tenascin, also known as hexabrachion and cytotactin, is an extracellular matrix protein with a spatially and temporally restricted tissue distribution. It is a hexameric, multidomain protein with disulfide linked subunits of 190 to 240 kD, originally characterized as 'myotendinous antigen.' In the embryo it is present in dense mesenchyme surrounding developing epithelia and in developing cartilage and bone. In the adult, tenascin remains present in tendons and myotendinous junctions in the perichondrium and periosteum, as well as in smooth muscle.</p>
Gene ID:	3371
UniProt:	<a href="#">P24821</a>
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

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

## Handling

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handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Publications

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Product cited in:

Kau, Miller, Tichy, Gabriel: "S100A4 (metastasin) positive mesenchymal canine mammary tumour spheroids reduce Tenascin C synthesis under DMSO exposure in vitro." in: **Veterinary and comparative oncology**, (2017) ([PubMed](#)).

Yang, Zhao, Wang, Liu, Ma, Huang, Liu: "Isolation and biological characterization of tendon-derived stem cells from fetal bovine." in: **In vitro cellular & developmental biology. Animal**, Vol. 52, Issue 8, pp. 846-56, (2017) ([PubMed](#)).