

Datasheet for ABIN2854287
anti-TNC antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	TNC
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Tenascin C. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Dog, Human
Characteristics:	Rabbit polyclonal antibody to Tenascin-C (tenascin C) Tenascin-C antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TNC
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Target Details

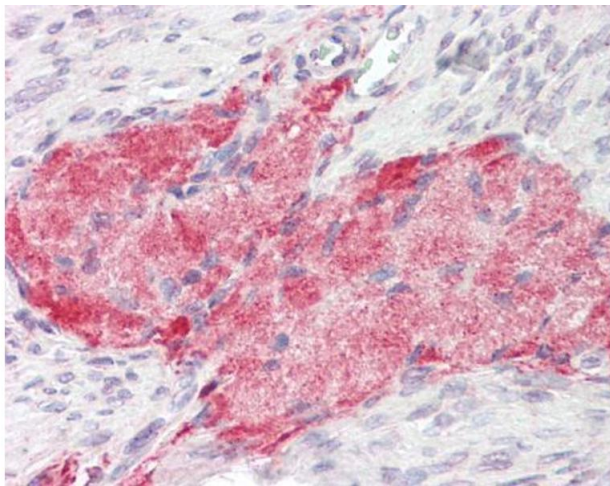
Alternative Name:	tenascin C (TNC Products)
Background:	Extracellular matrix protein implicated in guidance of migrating neurons as well as axons during development, synaptic plasticity as well as neuronal regeneration. Promotes neurite outgrowth from cortical neurons grown on a monolayer of astrocytes. Ligand for integrins alpha-8/beta-1, alpha-9/beta-1, alpha-V/beta-3 and alpha-V/beta-6. Cellular Localization: Secreted , extracellular space , extracellular matrix
Molecular Weight:	241 kDa
Gene ID:	3371
UniProt:	P24821
Pathways:	Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Skeletal Muscle Fiber Development

Application Details

Application Notes:	IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC-P Image Tenascin-C antibody [C3], C-term detects Tenascin-C protein at cytoplasm on human uterus vessel by immunohistochemical analysis. Sample: Paraffin-embedded uterus vessel. Tenascin-C antibody [C3], C-term , dilution: 1:100.