

Datasheet for ABIN7171746

anti-Tenascin N antibody (AA 441-556)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Tenascin N (TNN)
Binding Specificity:	AA 441-556
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tenascin N antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Tenascin-N protein (441-556AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Tenascin N (TNN)
Alternative Name:	TNN (TNN Products)
Background:	Background: Extracellular matrix protein that seems to be a ligand for ITGA8:ITGB1, ITGAV:ITGB1 and ITGA4:ITGB1 (By similarity) (PubMed:17909022). Involved in neurite

Target Details

outgrowth and cell migration in hippocampal explants (By similarity). During endochondral bone formation, inhibits proliferation and differentiation of proteoblasts mediated by canonical WNT signaling (By similarity). In tumors, stimulates angiogenesis by elongation, migration and sprouting of endothelial cells (PubMed:19884327). Expressed in most mammary tumors, may facilitate tumorigenesis by supporting the migratory behavior of breast cancer cells (PubMed:17909022).

Aliases: TNN antibody, TNW antibody, Tenascin-N antibody, TN-N antibody, Tenascin-W antibody, TN-W antibody

UniProt: [Q9UQP3](#)

Pathways: [ACE Inhibitor Pathway](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

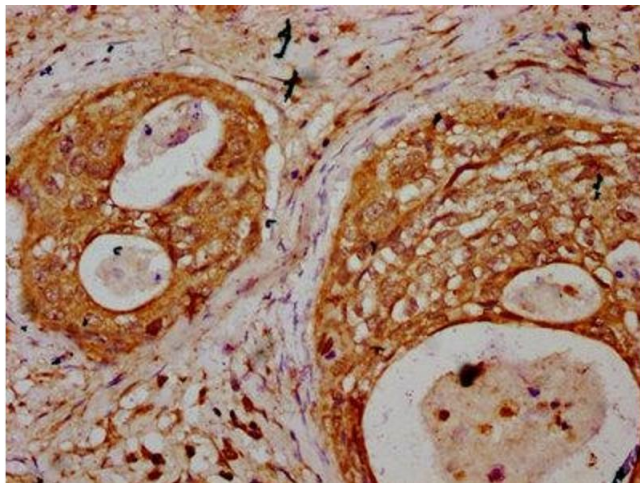
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7171746 diluted at 1:400 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.