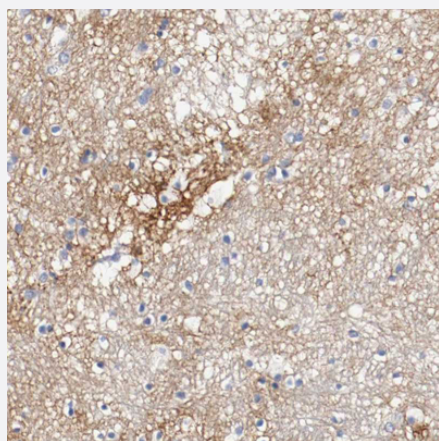


TNC polyclonal antibody

Catalog # PAB31294 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human hippocampus shows distinct positivity in neuropil.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human TNC.
Immunogen	Recombinant protein corresponding to amino acids 1765-1898 of human TNC.
Sequence	RLVKLIPGVEYLVSIAMKGFEESEPVSGSFTTALDGPSGLVTANITDSEALARWQPAIATVDSYVIS YTGEKVPETRTVSGNTVEYALTDLEPATEYTLRIFAEKGPQKSSTITAKFTTDLDSRPDLTATEV
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human hippocampus shows distinct positivity in neuropil.

Gene Info — TNC

Entrez GeneID	3371
Protein Accession#	P24821
Gene Name	TNC
Gene Alias	HXB, MGC167029, TN
Gene Description	tenascin C
Omim ID	187380
Gene Ontology	Hyperlink
Gene Summary	cytotactin hexabrachion (tenascin) tenascin C (hexabrachion)
Other Designations	OTTHUMP00000022738 hexabrachion (tenascin C, cytotactin) hexabrachion (tenascin) tenascin C (hexabrachion)

Publication Reference

- [The co-expression of MMP-9 and Tenascin-C is significantly associated with the progression and prognosis of pancreatic cancer.](#)

Xu Y, Li Z, Jiang P, Wu G, Chen K, Zhang X, Li X.

Diagnostic Pathology 2015 Dec; 10:211.

Application: IHC-P, Human, Human pancreatic cancer specimens

- [Extracellular Hsp90 mediates an NF-κB dependent inflammatory stromal program: implications for the prostate tumor microenvironment.](#)

Bohonowych JE, Hance MW, Nolan KD, Defee M, Parsons CH, Isaacs JS.

The Prostate 2014 Apr; 74(4):395.

- [CD99 is a novel prognostic stromal marker in non-small cell lung cancer.](#)

Edlund K, Lindskog C, Saito A, Berglund A, Ponten F, Göransson-Kultima H, Isaksson A, Jirstrom K, Planck M, Johansson L, Lambe M, Holmberg L, Nyberg F, Ekman S, Bergqvist M, Landelius P, Lamberg K, Botling J, Ostman A, Micke P.

International Journal of Cancer 2012 Nov; 131(10):2264.

Application: IHC-P, Human, Human non-small cell lung cancer, Human tissue microarray

- [Dissecting the oncogenic and tumorigenic potential of differentiated human induced pluripotent stem cells and human embryonic stem cells.](#)

Ghosh Z, Huang M, Hu S, Wilson KD, Dey D, Wu JC.

Cancer Research 2011 Jul; 71(14):5030.

Application: WB-Ce, Human, Human embryonic stem cells, HUVECs

- [Cardiomyopathy is associated with structural remodelling of heart valve extracellular matrix.](#)

Schenke-Layland K, Stock UA, Nsair A, Xie J, Angelis E, Fonseca CG, Larbig R, Mahajan A, Shivkumar K, Fishbein MC, MacLellan WR.

European Heart Journal 2009 Sep; 30(18):2254.

Application: IF, IHC-P, Human, Pig, Human heart valve tissues, Pig aortic valve tissues

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

Disease

- [Adenocarcinoma](#)
- [Asthma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Conjunctivitis](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Rhinitis](#)
- [Rupture](#)
- [Spondylarthritis](#)
- [Tendinopathy](#)
- [Tobacco Use Disorder](#)