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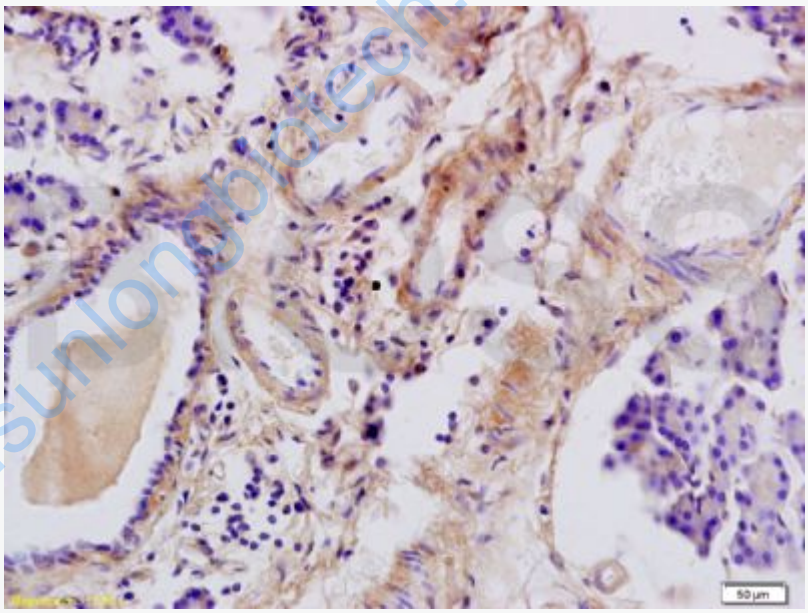
Rabbit Anti-Tenascin C antibody

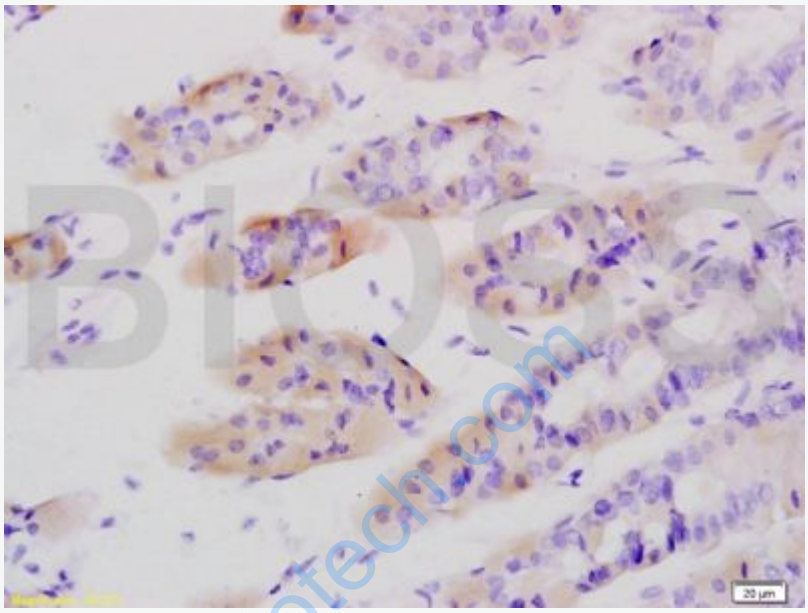
SL1039R

Product Name:	Tenascin C
Chinese Name:	细胞粘合素(固生蛋白)抗体
Alias:	Tn-C; Cytotactin; Glioma associated extracellular matrix antigen; GMEM; GP 150 225; Hexabrachion; HXB ; JI; Myotendinous antigen; Neuronectin; Tenascin C; TenascinC; TN; TN C; TNC; TENA_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	239kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Tn-C:1001-1100/2199
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. **Function:** 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. **Subunit:** Homohexamer; disulfide-linked. A homotrimer may be formed in the triple coiled-coil region and may be stabilized by disulfide rings at both ends. Two of such half-hexabrachions may be disulfide linked within the central globule. Interacts with CSPG4. **Subcellular Location:** Secreted, extracellular space, extracellular matrix. **Similarity:** Belongs to the tenascin family. Contains 15 EGF-like domains. Contains 1 fibrinogen C-terminal domain. Contains 15 fibronectin type-III domains. **SWISS:** P24821 **Gene ID:** 3371 **Database links:** Entrez Gene: 3371 Human Entrez Gene: 21923 Mouse Entrez Gene: 116640 Rat Omim: 187380 Human SwissProt: P24821 Human SwissProt: Q80YX1 Mouse SwissProt: B2LYI9 Rat Unigene: 143250 Human

	Unigene: 454219 Mouse Unigene: 980 Mouse Unigene: 12723 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. Tenascin-C(TN-C)是重要的Extracellular matrix(ECM)成分之一,在组织器官的发生发育中发挥着极其重要的作用;其表达具有复杂的时空分布,并受多种因素(cell factor、激素等)调节.目前主要用于消化系统Tumour方面的研究。
Picture:	 Tissue/cell: rat pancreas tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-Tenascin C/Tn-C Polyclonal Antibody, Unconjugated(SL1039R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-

0023) and DAB(C-0010) staining



Tissue/cell: mouse stomach tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

Incubation: Anti-Tenascin C/Tn-C Polyclonal Antibody, Unconjugated(SL1039R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining