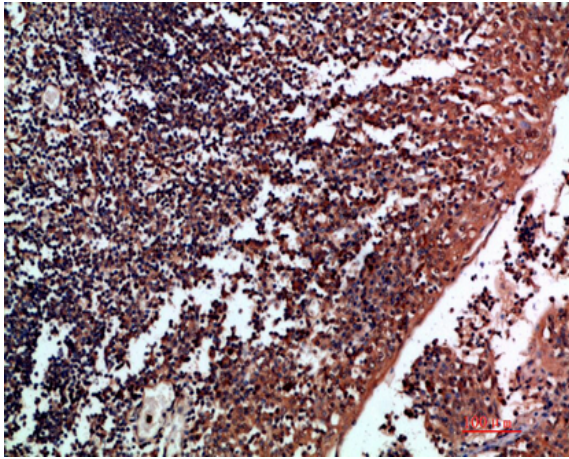


Tenascin-R Polyclonal Antibody

Catalog No :	YT5915
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	Tenascin-R
Fields :	>>PI3K-Akt signaling pathway;>>Focal adhesion;>>ECM-receptor interaction;>>Human papillomavirus infection;>>MicroRNAs in cancer
Gene Name :	TNR
Protein Name :	Tenascin-R (TN-R) (Janusin) (Restrictin)
Human Gene Id :	7143
Human Swiss Prot No :	Q92752
Mouse Gene Id :	21960
Mouse Swiss Prot No :	Q8BYI9
Rat Swiss Prot No :	Q05546
Immunogen :	Synthetic peptide from human protein at AA range: 1270-1350
Specificity :	The antibody detects endogenous Tenascin-R
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Cell Pathway :	Focal adhesion;ECM-receptor interaction;
Background :	<p>tenascin R(TNR) Homo sapiens This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The encoded protein is restricted to the central nervous system. The protein may play a role in neurite outgrowth, neural cell adhesion and modulation of sodium channel function. It is a constituent of perineuronal nets. [provided by RefSeq, Aug 2013],</p>
Function :	<p>domain:The EGF-like domains mediate interaction with CNTN1. The fibronectin type-III domains 3-5 mediate interaction with BCAN. The fibronectin type-III domains 1-2 and 7-9 mediate interaction with SCN2B.,function:Neural extracellular matrix (ECM) protein involved in interactions with different cells and matrix components. These interactions can influence cellular behavior by either evoking a stable adhesion and differentiation, or repulsion and inhibition of neurite growth. Binding to cell surface gangliosides inhibits RGD-dependent integrin-mediated cell adhesion and results in an inhibition of PTK2 (FAK) phosphorylation and cell detachment. Binding to membrane surface sulfatides results in a oligodendrocyte adhesion and differentiation. Interaction with CNTN1 induces a repulsion of neurons and an inhibition of neurite outgrowth. Interacts with SCN2B may play a crucial role in clusteri</p>
Subcellular Location :	Secreted, extracellular space, extracellular matrix.
Expression :	Brain specific.
Sort :	17033
No4 :	1

Products Images



Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:200