



Tenascin-R Polyclonal Antibody

Catalog No	YP-Ab-10663
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	TNR
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Janusin;Restrictin;Tenascin R;TN R;TNR;Tenascin-R;Tenascin-R (TN-R) (Janusin) (Restrictin);Tenascin-R (TN-R;Restrictin)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Secreted, extracellular space, extracellular matrix.
Tissue Specificity	Brain specific.
Function	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



Background

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],

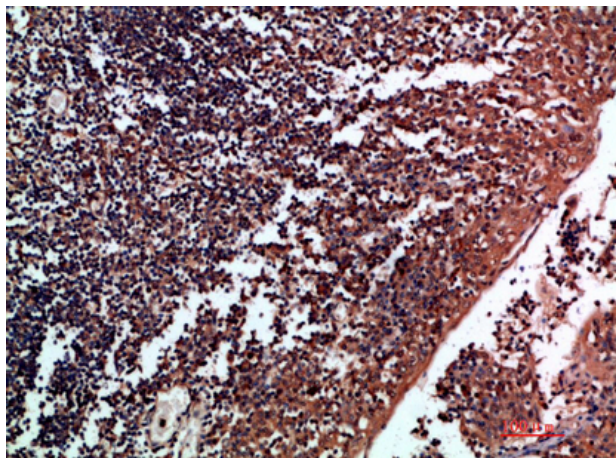
matters needing attention

Avoid repeated freezing and thawing!

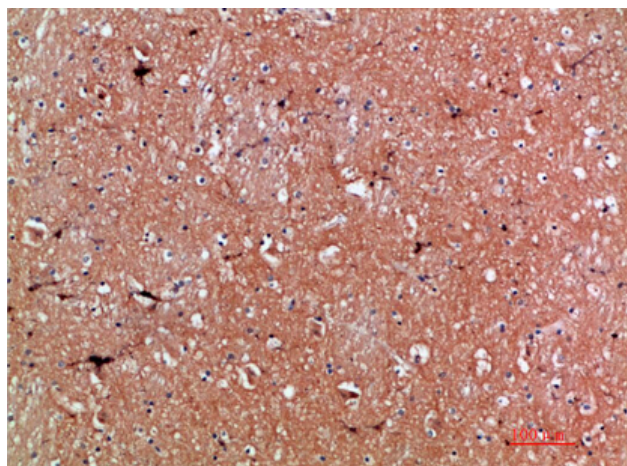
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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



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