

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Tenascin-R



Numéro de catalogue: 19730-1-AP

1 Publications

Informations de base

Numéro de catalogue: 19730-1-AP	Numéro d'acquisition GenBank: NLM_003285	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 500 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7143	Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200
Hôte: Lapin	Nom complet: tenascin R (restrictin, janusin)	
Isotype: IgG	MW calculé: 150 kDa	
	MW observés: 180 kDa, 160 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : tissu cérébral humain, cellules SH-SY5Y
Demandes citées: IHC, WB	IHC : tissu cérébral humain,
Spécificité de l'espèce: Humain	
Espèces citées: Humain	

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

TNR, also named as Restrictin and Janusin, belongs to the tenascin family. 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, TNR inhibits RGD-dependent integrin-mediated cell adhesion and results in an inhibition of PTK2 (FAK) phosphorylation and cell detachment. Binding to membrane surface sulfatides, TNR results in a oligodendrocyte adhesion and differentiation. Interaction with CNTN1, TNR induces a repulsion of neurons and an inhibition of neurite outgrowth. Interacts with SCN2B, TNR may play a crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier. TNR-linked chondroitin sulfate glycosaminoglycans are involved in the interaction with FN1 and mediate inhibition of cell adhesion and neurite outgrowth. The highly regulated addition of sulfated carbohydrate structure may modulate the adhesive properties of TNR over the course of development and during synapse maintenance. The antibody is specific to TNR.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiang-Xu Wang	35493457	Front Immunol	WB, IHC

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

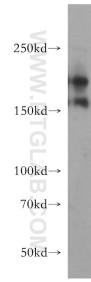
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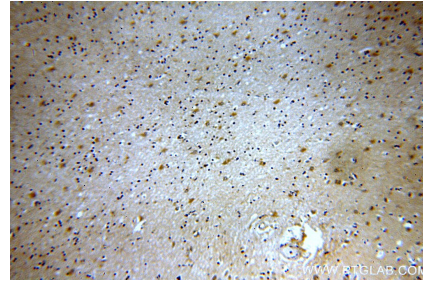
E: proteintech@ptglab.com
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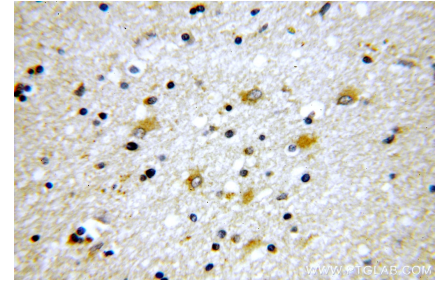
Données de validation sélectionnées



human brain tissue were subjected to SDS PAGE followed by western blot with 19730-1-AP (Tenascin-R antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 19730-1-AP (Tenascin-R antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 19730-1-AP (Tenascin-R antibody) at dilution of 1:100 (under 40x lens).