

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Noggin



Numéro de catalogue: 14772-1-AP

2 Publications

Informations de base

Numéro de catalogue: 14772-1-AP	Numéro d'acquisition GenBank: BC034027	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 9241	Dilutions recommandées: WB 1:500-1:3000 IHC 1:20-1:200
Hôte: Lapin	Nom complet: noggin	
Isotype: IgG	MW calculé: 26 kDa	
Immunogen Catalog Number: AG6586	MW observés: 26 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : cellules HeLa, IHC : tissu de gliome humain,
Demandes citées: IHC, WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: souris, Hamster	
Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.	

Informations générales

Noggin is an extracellular polypeptide acting as an antagonist of bone morphogenetic proteins (BMPs) regulating embryonal development. Noggin inhibits activity of BMP-2, -4, -7, -13, and -14. Noggin is present extracellularly in the matrix or retained at the cell surface via interaction with heparin sulfate proteoglycans. In early development stages, Noggin is produced by the Spemann organizer, allowing dorsal-ventral patterning of BMPs (PMID: 8752214). Subsequently, Noggin is expressed by the notochord regulating BMP-4 signaling in neurogenesis. Additionally, Noggin is present during development in the dermal papilla, connective tissue of the hair follicle, lens, retina, and perocular mesenchyme, as well as in the mesoderm lineage regulating development of the bone, cartilage, and muscles.

Publications notables

Autrice	Pubmed ID	Journal	Application
Chuanhui Yin	32949110	Birth Defects Res	IHC
Shu-Fen Li	29415997	Cell Death Dis	WB

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.

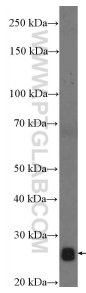
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

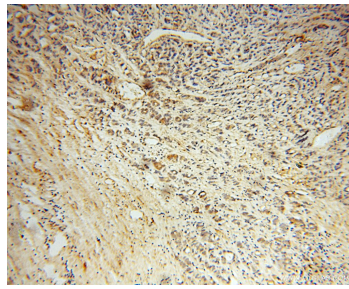
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

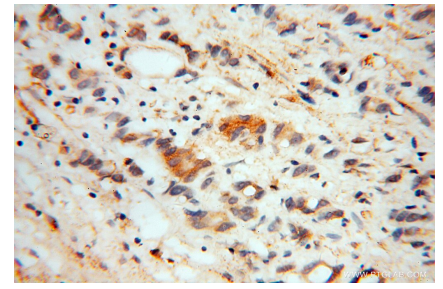
Données de validation sélectionnées



HeLa cells were subjected to SDS PAGE followed by western blot with 14772-1-AP (Noggin antibody at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 14772-1-AP (Noggin antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas using 14772-1-AP (Noggin antibody) at dilution of 1:50 (under 40x lens).