

For Research Use Only

C1orf187 Polyclonal antibody

Catalog Number: 26342-1-AP **2 Publications**



Basic Information

Catalog Number: 26342-1-AP	GenBank Accession Number: BC021286	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 374946	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8NBJ3	
Isotype: IgG	Full Name: chromosome 1 open reading frame 187	
Immunogen Catalog Number: AG23666	Observed MW: 32 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse cerebellum tissue, SH-SY5Y cells, rat cerebellum tissue
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human	

Background Information

C1orf187, also named Draxin(Dorsal repulsive axon guidance protein), is a repulsive axon guidance cue. It is widely expressed in the developing hippocampus, glioma, and all histological types of the lung cancer cell. Draxin was shown to bind a 22-amino-acid peptide of the EGF domain of Netrin-1, and through Draxin/Netrin-1 interaction, Draxin may act as a secreted Netrin-1 antagonist. C1orf187 can inhibit or repel neurite outgrowth from dorsal spinal cord. It inhibits the stabilization of cytosolic beta-catenin (CTNNB1) via its interaction with LRP6, thereby acting as an antagonist of Wnt signaling pathway (PMID: 29622850).

Notable Publications

Author	Pubmed ID	Journal	Application
Jia-hao Bao	36045691	Front Immunol	WB
Barbara Łasut-Szyszk	38460933	Chem Biol Interact	WB

Storage

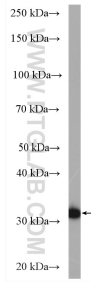
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% 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.

Selected Validation Data



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 26342-1-AP (C1orf187 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.