

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: 300 µg/ml	GeneID (NCBI): 374946	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8NBI3	
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-Szyska	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

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

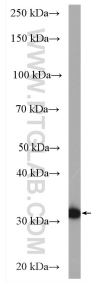
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Selected Validation Data



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.