

For Research Use Only

Draxin Polyclonal antibody

Catalog Number: 26342-1-AP

2 Publications



Basic Information

Catalog Number:

26342-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23666

GenBank Accession Number:

BC021286

GeneID (NCBI):

374946

UNIPROT ID:

Q8NBI3

Full Name:

chromosome 1 open reading frame

187

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB: mouse cerebellum tissue, SH-SY5Y cells, rat cerebellum tissue

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

*** 20ul sizes contain 0.1% BSA

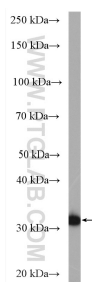
For technical support and original validation data for this product please contact:

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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.