

For Research Use Only

Draxin Recombinant antibody

Catalog Number: 86244-1-RR



Basic Information

Catalog Number:	86244-1-RR	GenBank Accession Number:	NM_198545.3	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	374946	CloneNo.:	250677C12
Source:	Rabbit	UNIPROT ID:	Q8NB13	Recommended Dilutions:	WB: 1:1000-1:4000
Isotype:	IgG	Full Name:	chromosome 1 open reading frame 187		
Immunogen Catalog Number:	EG4203	Calculated MW:	39 kDa		
		Observed MW:	42 kDa		

Applications

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

Background Information

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).

Storage

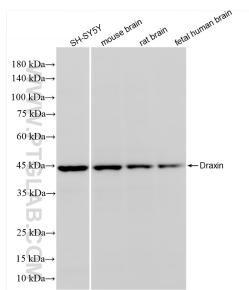
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86244-1-RR (Draxin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.