

For Research Use Only

# Draxin Recombinant antibody

Catalog Number: 86244-1-RR



## Basic Information

<b>Catalog Number:</b> 86244-1-RR	<b>GenBank Accession Number:</b> NM_198545.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 374946	<b>CloneNo.:</b> 250677C12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NBI3	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 1 open reading frame 187	
<b>Immunogen Catalog Number:</b> EG4203	<b>Calculated MW:</b> 39 kDa	
	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> 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

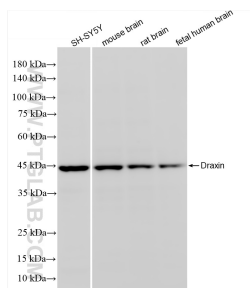
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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