

Anti-Draxin (C-terminal region) Antibody

Catalog # AN1750

Product Information

Application	WB, ICC
Primary Accession	Q8NBI3
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	38650

Additional Information

Gene ID	374946
Other Names	C1orf187

Target/Specificity	The developing nervous system assembles with the help of guidance molecules that control the trajectory of growing neurons. Axon guidance proteins such as, netrins, semaphorins, ephrins, and slits, are critical extracellular matrix cues for correctly wiring of the nervous system. Draxin is an axon guidance protein that has been observed to repel neurite outgrowth from dorsal spinal cord and cortical explants in vitro. Chick draxin consists of 349 amino acids with a putative signal peptide sequence at the N-terminal end but no membrane anchoring sequence, which suggests that draxin is a secreted protein. The ectopically expressed draxin has been shown to inhibit growth or cause misrouting of chick spinal cord commissural axons in vivo. In both chick and mouse, commissural neurons require draxin to successfully cross the midline and form the major commissures of the brain. Thus, draxin is a chemorepulsive axon guidance molecule required for the development of the spinal cord and forebrain commissures.
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Dilution	WB~~1:1000 ICC~~N/A
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Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Precautions	Anti-Draxin (C-terminal region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
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Shipping	Blue Ice
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Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.