

DRAXIN Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15765

Product Information

Application	WB
Primary Accession	Q8NBI3
Other Accession	NM_198545NP_940947
Reactivity	Human, Pig, Dog, Horse, Bovine
Predicted	Human, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38650

Additional Information

Gene ID	374946
Alias Symbol	AGPA3119, UNQ3119, neucrin
Other Names	Draxin {ECO:0000255 HAMAP-Rule:MF_03060}, Dorsal inhibitory axon guidance protein {ECO:0000255 HAMAP-Rule:MF_03060}, Dorsal repulsive axon guidance protein {ECO:0000255 HAMAP-Rule:MF_03060}, Neucrin, DRAXIN {ECO:0000255 HAMAP-Rule:MF_03060}, C1orf187
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-DRAXIN antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DRAXIN Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DRAXIN {ECO:0000255 HAMAP-Rule:MF_03060}
Synonyms	C1orf187
Function	Chemorepulsive axon guidance protein required for the development of spinal cord and forebrain commissures. Acts as a chemorepulsive guidance protein for commissural axons during development. Able to inhibit or repel neurite outgrowth from dorsal spinal cord. Inhibits the stabilization of cytosolic beta-catenin (CTNNB1) via its interaction with LRP6, thereby acting as an antagonist of Wnt signaling pathway.

Background

Chemorepulsive axon guidance protein required for the development of spinal cord and forebrain commissures. Acts as a chemorepulsive guidance protein for commissural axons during development. Able to inhibit or repel neurite outgrowth from dorsal spinal cord. Inhibits the stabilization of cytosolic beta-catenin (CTNNB1) via its interaction with LRP6, thereby acting as an antagonist of Wnt signaling pathway.

References

Miyake A.,et al.Biochem. Biophys. Res. Commun. 390:1051-1055(2009).

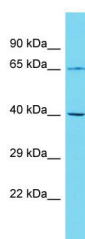
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

Otsuki T.,et al.DNA Res. 12:117-126(2005).

Gregory S.G.,et al.Nature 441:315-321(2006).

Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).

Images



Host: Rabbit

Target Name: DRAXIN

Sample Tissue: 721_B Whole cell lysate

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Antibody Dilution: 1.0µg/ml

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