

DRAXIN Antibody - C-terminal region

Rabbit Polyclonal Antibody Catalog # Al15765

Specification

DRAXIN Antibody - C-terminal region - Product Information

Application WB
Primary Accession Q8NBI3

Other Accession NM 198545NP 940947

Reactivity

Human, Pig, Horse, Bovine, Dog
Predicted

Human, Pig, Horse, Bovine, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 36kDa KDa

DRAXIN Antibody - C-terminal region - 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}, Clorf187

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.

DRAXIN Antibody - C-terminal region - Protein Information

Name DRAXIN {ECO:0000255|HAMAP-Rule:MF_03060}

Synonyms Clorf187

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.

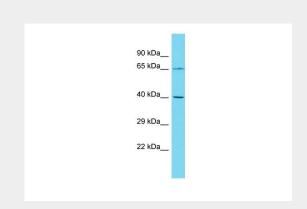
Cellular Location Secreted.

DRAXIN Antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DRAXIN Antibody - C-terminal region - Images



Host: Rabbit

Target Name: DRAXIN

Sample Tissue: 721_B Whole cell lysate

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Antibody Dilution: 1.0µg/ml

DRAXIN Antibody - C-terminal region - 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.

DRAXIN Antibody - C-terminal region - 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).