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C1orf187 / DRAXIN Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS16606

Specification

C1orf187 / DRAXIN Antibody (C-Terminus) - Product Information

Application	**IHC, IF, WB**
Primary Accession	Q8NBI3
Other Accession	374946
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38650**

C1orf187 / DRAXIN Antibody (C-Terminus) - Additional Information

Gene ID 374946

Other Names
DRAXIN, AGPA3119, UNQ3119, C1orf187, Neucrin

Target/Specificity
Human C1orf187 / Neucrin/ Draxin. At least three isoforms of Neucrin are known to exist; this antibody will detect the two shorter isoforms. Neucrin antibody is predicted to not cross-react with RILP.

Reconstitution & Storage
PBS, 0.02% sodium azide. Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
C1orf187 / DRAXIN Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

C1orf187 / DRAXIN Antibody (C-Terminus) - 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.

Cellular Location

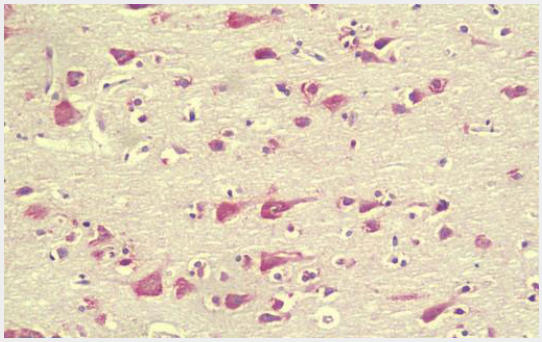
Secreted.

C1orf187 / DRAXIN Antibody (C-Terminus) - Protocols

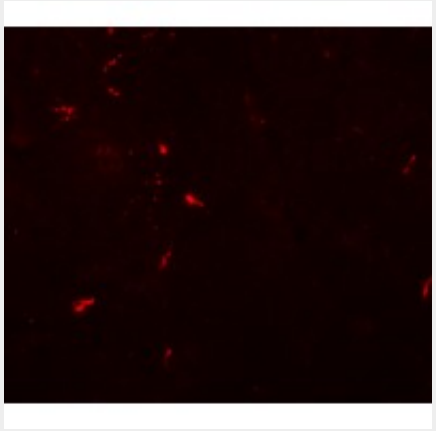
Provided below are standard protocols that you may find useful for product applications.

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

C1orf187 / DRAXIN Antibody (C-Terminus) - Images

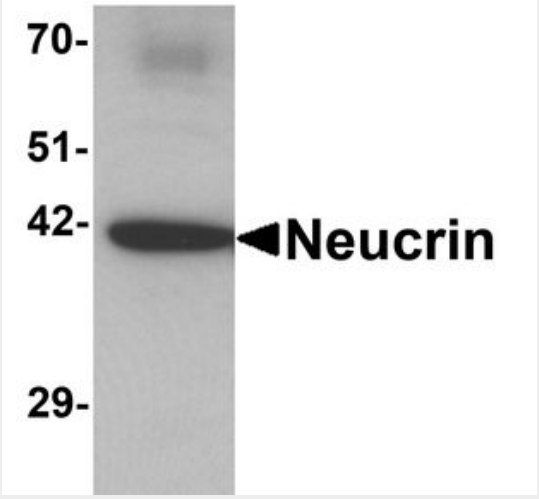


Anti-C1orf187 / DRAXIN antibody IHC staining of human brain, cortex.



Immunofluorescence of NEUCRIN in mouse brain tissue with NEUCRIN antibody at 20 µg/mL.

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Western blot analysis of Neucrin in rat cerebellum tissue lysate with Neucrin antibody at 1 ug/ml.

C1orf187 / DRAXIN Antibody (C-Terminus) - 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.

C1orf187 / DRAXIN Antibody (C-Terminus) - References

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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).