BOSTER BIOLOGICAL TECHNOLOGY
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Anti-NEUCRIN DRAXIN Antibody

Catalog Number: A09941

About DRAXIN

Neucrin, also known as Draxin, is a repulsive guidance protein for the spinal cord and forebrain commissures. It is thought to act as an antagonist of canonical Wnt signaling by inhibiting the stabilization of cytosolic beta-catenin. Ectopically expressed neucrin inhibited growth or caused misrouting of chick spinal cord commissural axons in vivo while Neucrin-null mice showed defasciculation of spinal cord commissural axons and an absence of all forebrain commisures. Other experiments in mice have shown that olfactory bulb axonal outgrowth is inhibited by Neucrin, suggesting that Neucrin functions as an inhibitory guidance cue for olfactory bulb axons.

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Overview

Product Name	Anti-NEUCRIN DRAXIN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NEUCRIN DRAXIN Antibody (Catalog # A09941). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	NEUCRIN Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	NEUCRIN antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8NBI3

Technical Details

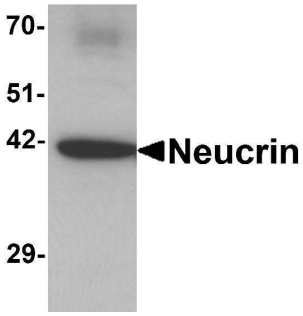
Immunogen	Neucrin antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human Neucrin. The immunogen is located within the last 50 amino acids of NEUCRIN.
Predicted Reactive Species	Bovine, Chicken
Cross Reactivity	At least three isoforms of Neucrin are known to exist; this antibody will detect the two shorter

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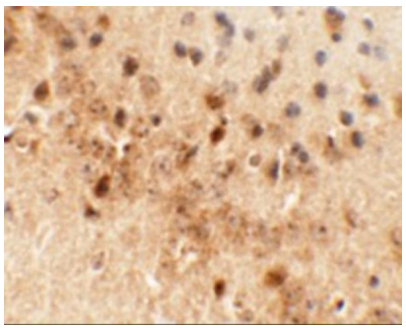
	isoforms. Neucrin antibody is predicted to not cross-react with RILP.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	NEUCRIN Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Neucrin antibody can be used for detection of Neucrin by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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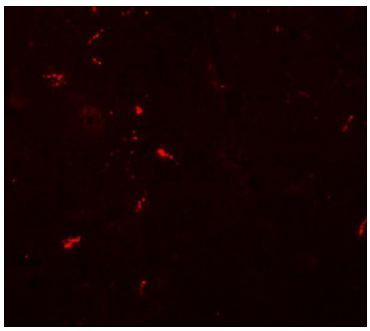
Anti-NEUCRIN DRAXIN Antibody (A09941) Images



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



Immunohistochemistry of NEUCRIN in mouse brain tissue with NEUCRIN antibody at 5 ug/mL.



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

Anti-NEUCRIN DRAXIN Antibody

For Research Use Only. Not for use in diagnostic procedures.