BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Girdin CCDC88A Antibody

Catalog Number: A03282-2

About CCDC88A

Girdin is a Galpha-interacting protein that can enhance the activation of the protein kinase Akt, remodel the actin cytoskeleton, and is thought to be involved in the regulation of cell migration and cancer metastasis. It has recently been shown that Girdin interacts with Disrupted-in-Schizophrenia 1 (DISC1), a susceptibility gene for major psychiatric disorders. DISC1 is thought to be involved in the migration, positioning and differentiation of dentate granule cells (DGCs) during development; depletion of Girdin or blocking the Girdin-DISC1 interaction results in defects in axonal sprouting in the CA3 region of the hippocampus and overextended migration of mispositioning of DGCs, suggesting the Girdin plays a role in postnatal neurogenesis in the dentate gyrus.

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Overview

Product Name	Anti-Girdin CCDC88A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Girdin CCDC88A Antibody (Catalog # A03282-2). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	Girdin Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Girdin 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	Q3V6T2

Technical Details

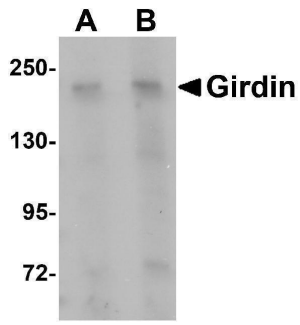
Immunogen	Girdin antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus human Girdin. The immunogen is located within the last 50 amino acids of Girdin.
Predicted Reactive Species	Rat

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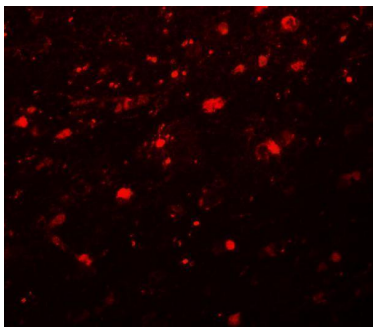
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Girdin Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Girdin antibody can be used for detection of Girdin by Western blot at 1 - 2 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples and Immunofluorescence in human 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-Girdin CCDC88A Antibody (A03282-2) Images



Western blot analysis of Girdin in rat brain tissue lysate with Girdin antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of Girdin in human brain tissue with Girdin antibody at 20 ug/mL.

Anti-Girdin CCDC88A Antibody

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